



PHE Porton

Rare and Imported Pathogens Laboratory

Porton Down, Salisbury, Wiltshire SP4 0JG

Direct Tel: 01980 612100

Website: <https://www.gov.uk/specialist-and-reference-microbiology-laboratory-tests-and-services>

Email: ripl@phe.gov.uk

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Sender's ref. No.

PHE ref. No. P1 8E00 0752

Date received 05.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP07 0.15

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0753

Date received 05.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

AT00237964

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0754

Date received 05.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP07 0.15

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0755

Date received 05.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP05 2

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



Public Health
England

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Sender's ref. No.

PHE ref. No. P1 8E00 0756

Date received 05.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

AT002387997

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0757
Date received 05.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP05 0.25
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0758

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP02 0.3

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0759
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP02 1
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0760
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP01A 0.3
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0761
Date received 07.12.2018
Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP03 0.5

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0762

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP03 1.1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0763

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP02 0.5

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0764
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP01A 1
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0765

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Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP03 0.25

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP01A 0.5
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0767

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Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP04 3

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

Information not provided

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0769
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

Information not provided

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0770
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

Information not provided

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0771

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

Information not provided

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0772

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP04 1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0773
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP05 0.5

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0774
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP05 1
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

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Sender's ref. No.

PHE ref. No. P1 8E00 0775

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP06 1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0776
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP06 1
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0777

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP08 0.1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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PHE ref. No. P1 8E00 0778
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP09 1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0779

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP09 0.1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0780

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP11 0.05

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0781
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP10 0.3

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.
PHE ref. No. P1 8E00 0782
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP12 2

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

Porton Down, Salisbury, Wiltshire SP4 0JG

Direct Tel: 01980 612100

Website: <https://www.gov.uk/specialist-and-reference-microbiology-laboratory-tests-and-services>

Email: ripl@phe.gov.uk

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LISMARD BUSINESS PARK
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PORTLAOISE
CO. LAOIS

IRELAND

Sender's ref. No.
PHE ref. No. P1 8E00 0783
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP09 0.3

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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Sender's ref. No.

PHE ref. No. P1 8E00 0784

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP12 0.3

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

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Sender's ref. No.

PHE ref. No. P1 8E00 0785

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP08 1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

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Porton Down, Salisbury, Wiltshire SP4 0JG

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Sender's ref. No.
PHE ref. No. P1 8E00 0786
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP10 0.1
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

Porton Down, Salisbury, Wiltshire SP4 0JG

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Sender's ref. No.
PHE ref. No. P1 8E00 0787
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP10 1.5
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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Sender's ref. No.
PHE ref. No. P1 8E00 0788
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP11 0.3

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

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Sender's ref. No.

PHE ref. No. P1 8E00 0789

Date received 07.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP11 0.9

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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Sender's ref. No.
PHE ref. No. P1 8E00 0790
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP12 0.1
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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Sender's ref. No.
PHE ref. No. P1 8E00 0791
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP12 1
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

Porton Down, Salisbury, Wiltshire SP4 0JG

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Sender's ref. No.
PHE ref. No. P1 8E00 0792
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP13 0.15
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



Public Health
England

PHE Porton

Rare and Imported Pathogens Laboratory

Porton Down, Salisbury, Wiltshire SP4 0JG

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Sender's ref. No.

PHE ref. No.

Date received

P1 8E00 0822

11.12.2018

Billing reference

Outbreak/Investig. No

Ilog number

Project code

18/COMP015/8

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP07 0.4

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

Porton Down, Salisbury, Wiltshire SP4 0JG

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Sender's ref. No.

PHE ref. No. P1 8E00 0823

Date received 11.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP13 1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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Sender's ref. No.

PHE ref. No. P1 8E00 0824

Date received 11.12.2018

Billing reference 18/COMP015/8

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP14 1

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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Sender's ref. No.
PHE ref. No. P1 8E00 0793
Date received 07.12.2018

Billing reference 18/COMP015/8
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
TP14 0.3
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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FAO: ANDREW SMITH

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PURCHASE LEDGER DEPT

P O BOX 364

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LS6 2WQ

Sender's ref. No.

PHE ref. No.

Date received

P1 9E00 0148

26.02.2019

Billing reference

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP17 0.1m

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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LS6 2WQ

Sender's ref. No.

PHE ref. No. P1 9E00 0149

Date received 26.02.2019

Billing reference

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

TP17 1.0m

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

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Sender's ref. No.

PHE ref. No. P1 9E00 0150

Date received 26.02.2019

Billing reference

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

animal bones

TP17 3.6m

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



PHE Porton

Rare and Imported Pathogens Laboratory

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LS6 2WQ

Sender's ref. No.
PHE ref. No. P1 9E00 0151
Date received 26.02.2019

Billing reference
Outbreak/Investig. No
Ilog number
Project code

Date of collection

Sample type
Sample details
Site Details
Other Sample References

Soil
?TP15
Information not provided
Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



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LS6 2WQ

Sender's ref. No.

PHE ref. No.

P1 9E00 0152

Date received

26.02.2019

Billing reference

Outbreak/Investig. No

Ilog number

Project code

Date of collection

Sample type

Sample details

Site Details

Other Sample References

Soil

unlabeled sample

Information not provided

Information not provided

Laboratory report

Environmental Anthrax Results

1. *Bacillus anthracis* not isolated



LABORATORY REPORT



4043

Contract Number: PSL19/0396

Report Date: 15 January 2019

Client's Reference:

Client Name: WYG London
11th Floor
1 Angel Court
London
EC2R 7HJ

For the attention of: Regulation 13

Contract Title: Compton, West Berkshire

Date Received: 14/1/2019

Date Commenced: 14/1/2019

Date Completed: 15/1/2019

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

Regulation
13
(Director)

Regulation
13
(Director)

Regulation
13
(Quality Manager)

Regulation
13
(Senior Technician)

Regulation
13
(Senior Technician)

Regulation
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(Senior Technician)

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e-mail: Regulation13@prosoils.co.uk
Regulation13@prosoils.co.uk

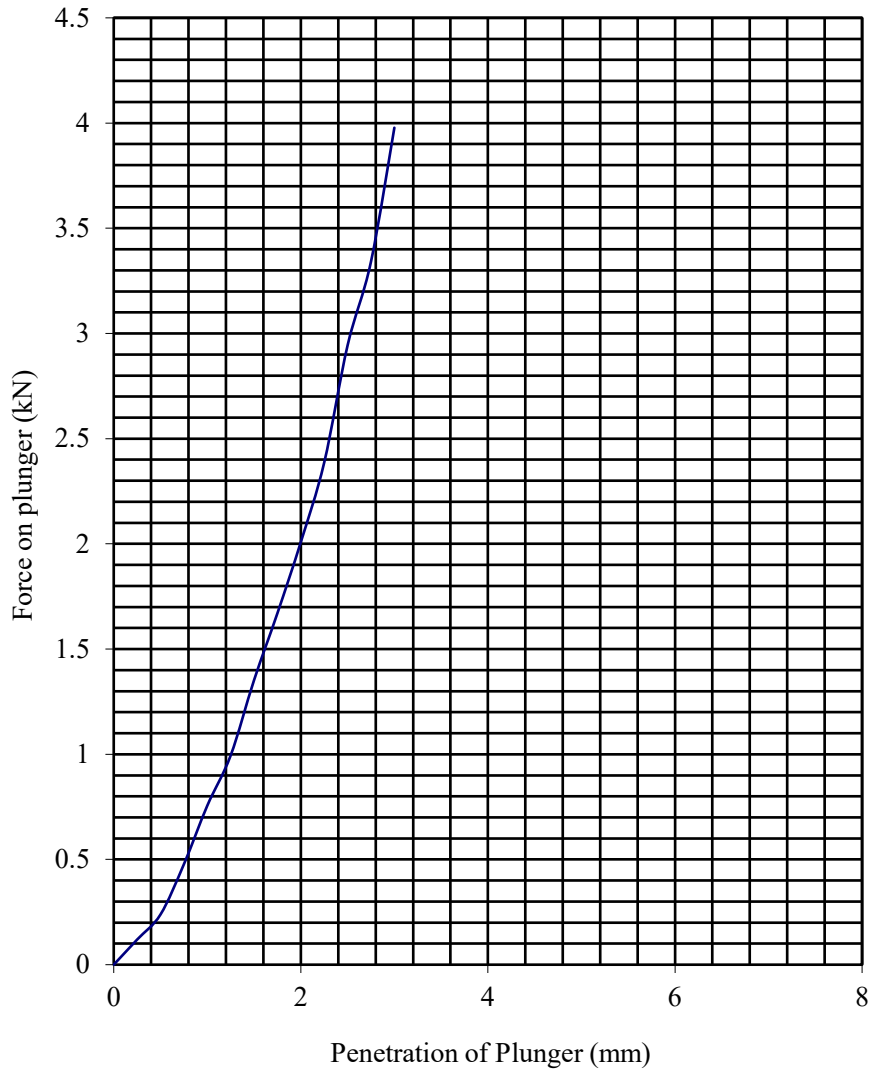
Page 1 of

Insitu California Bearing Ratio Test.

BS 1377 : Part 9 : 1990 Clause 4.3

Position Number: CBR 1

Depth (m) : 0.6



Initial Sample Conditions	Method of Test	Insitu	C.B.R. Value %	22.3
Test Date	14-Jan-19	Estimated Percentage above 20mm:	0	Moisture Content:
Remarks:	Brown very sandy GRAVEL *Unable to complete test due to the veichle lifting*			
Required CBR Value:	N/A	Passed /Failed	N/A	



Compton, West Berkshire

Contract No:

PSL19/0396

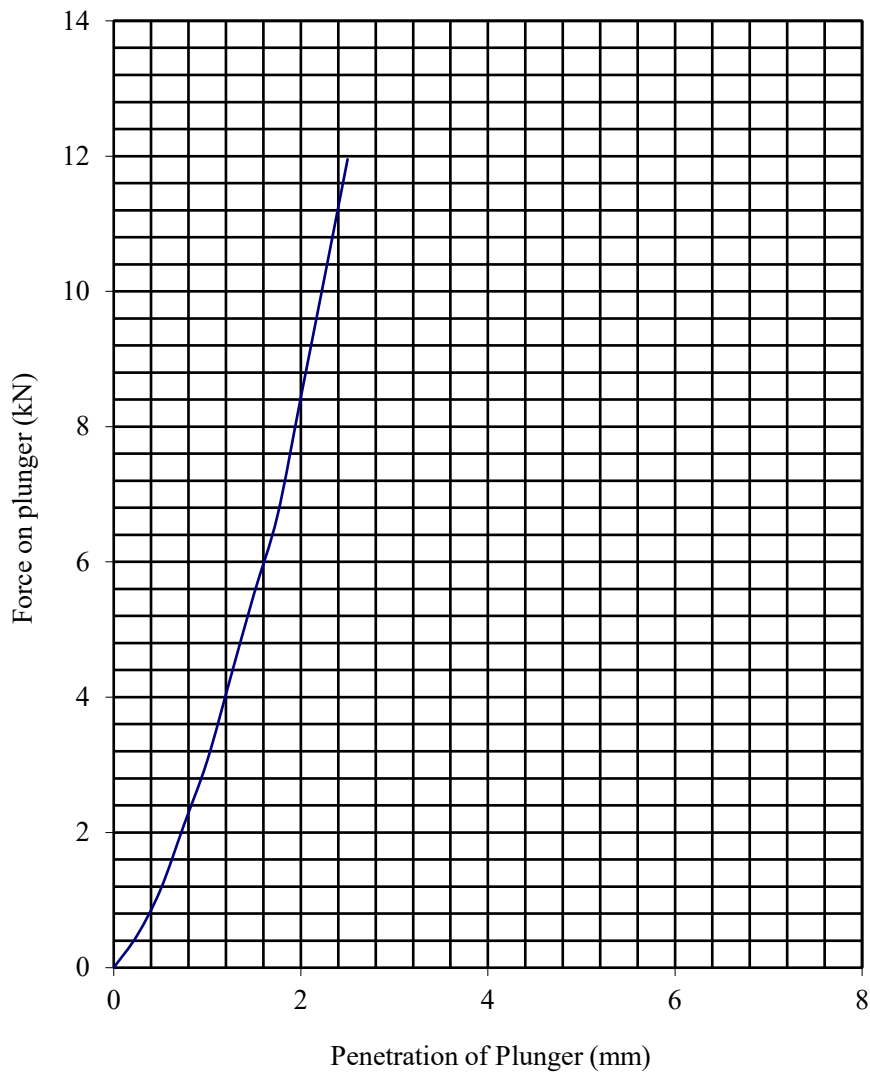
Client Ref:

Insitu California Bearing Ratio Test.

BS 1377 : Part 9 : 1990 Clause 4.3

Position Number: CBR 2

Depth (m) : 0.2



Initial Sample Conditions	Method of Test	Insitu	C.B.R. Value %	90.6
Test Date	14-Jan-19	Estimated Percentage above 20mm:	0	Moisture Content:
Remarks:	Brown SAND & GRAVEL *Unable to complete test due to the veichle lifting*			
Required CBR Value:	N/A	Passed /Failed	N/A	



Compton, West Berkshire

Contract No:

PSL19/0396

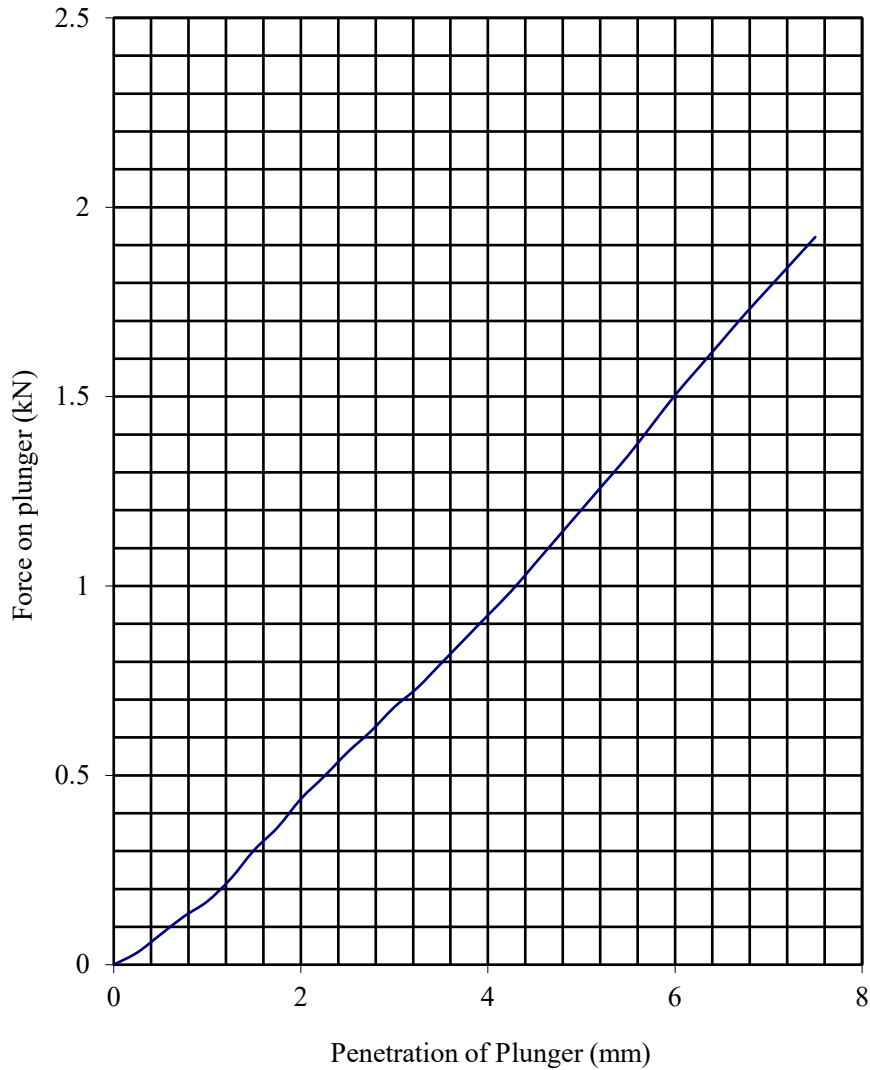
Client Ref:

Insitu California Bearing Ratio Test.

BS 1377 : Part 9 : 1990 Clause 4.3

Position Number: CBR 3

Depth (m) : 0.2



Initial Sample Conditions	Method of Test	Insitu	C.B.R. Value %	6.0
Test Date	14-Jan-19	Estimated Percentage above 20mm:	0	Moisture Content:
Remarks:	Brown slightly clayey very sandy GRAVEL			
Required CBR Value:	N/A	Passed /Failed	N/A	



Compton, West Berkshire

Contract No:

PSL19/0396

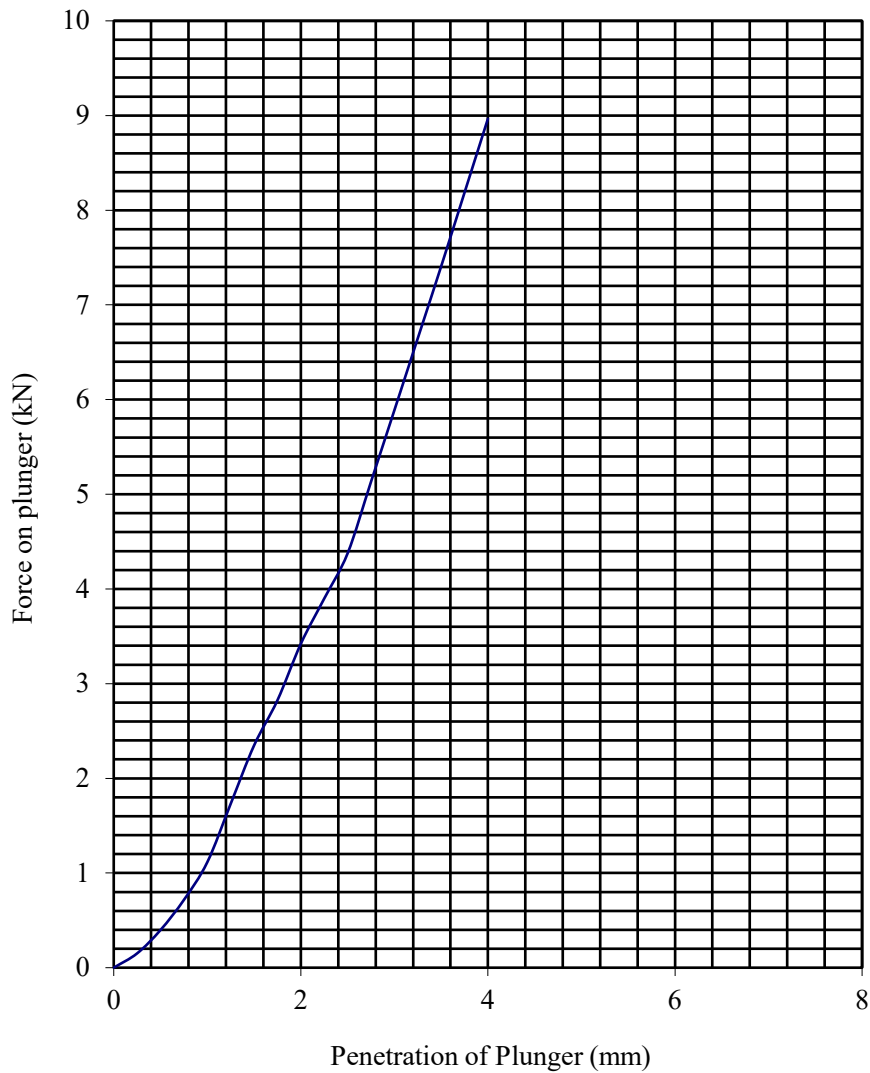
Client Ref:

Insitu California Bearing Ratio Test.

BS 1377 : Part 9 : 1990 Clause 4.3

Position Number: CBR 4

Depth (m) : 0.6



Initial Sample Conditions	Method of Test	Insitu	C.B.R. Value %	33.1
Test Date	14-Jan-19	Estimated Percentage above 20mm:	0	Moisture Content:
Remarks:	Brown very sandy GRAVEL (Chalk) *Unable to complete test due to the veichle lifting*			
Required CBR Value:	N/A	Passed /Failed	N/A	



Compton, West Berkshire

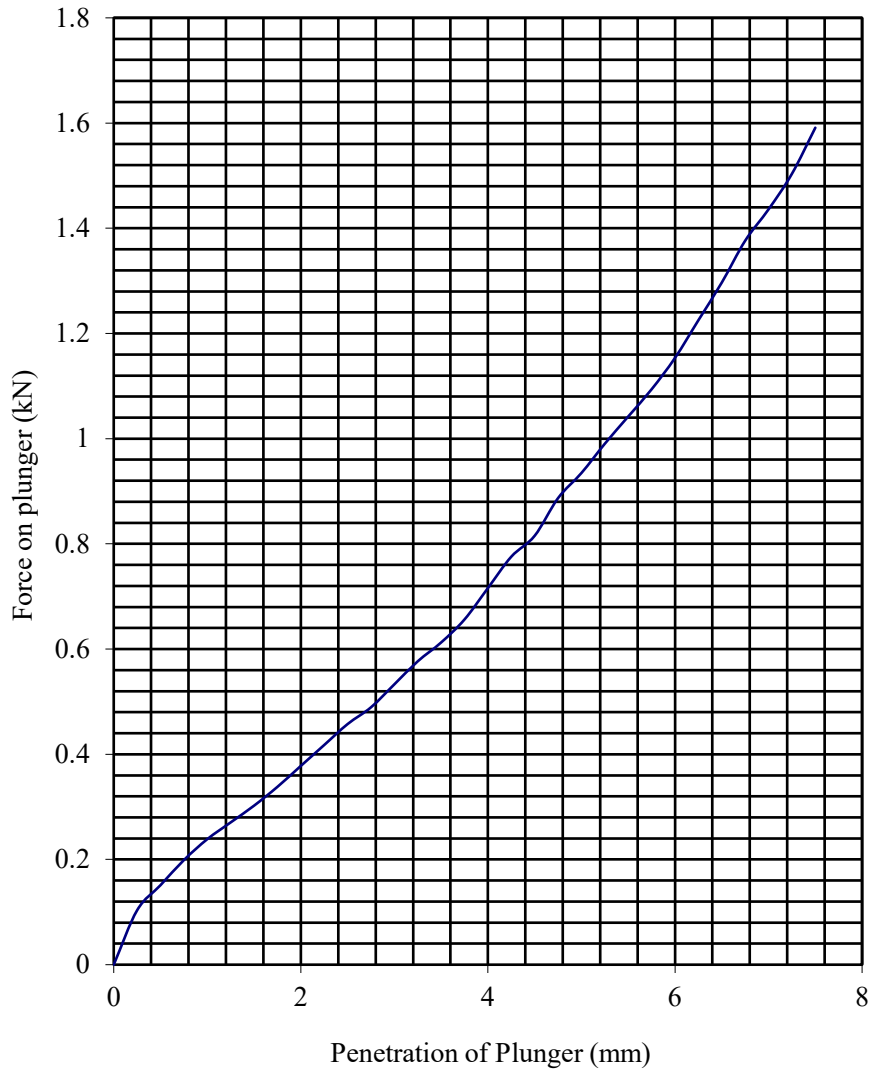
Contract No:
PSL19/0396
Client Ref:

Insitu California Bearing Ratio Test.

BS 1377 : Part 9 : 1990 Clause 4.3

Position Number: CBR 5

Depth (m) : 0.2



Initial Sample Conditions	Method of Test	Insitu	C.B.R. Value %	4.7
Test Date	14-Jan-19	Estimated Percentage above 20mm:	0	Moisture Content:
Remarks:	Brown slightly clayey very sandy GRAVEL			
Required CBR Value:	N/A	Passed /Failed	N/A	



Compton, West Berkshire

Contract No:
PSL19/0396
Client Ref:



LABORATORY REPORT



4043

Contract Number: PSL19/0977

Report Date: 27 February 2019

Client's Reference: A090070-474

Client Name: WYG London
11th Floor
1 Angel Court
London
EC2R 7HJ

For the attention of: Regulation 13

Contract Title: HE Compton, West Berkshire

Date Received: 13/2/2019

Date Commenced: 13/2/2019

Date Completed: 27/2/2019

Notes: Opinions and Interpretations are outside the UKAS Accreditation

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Checked and Approved Signatories:

Regulation 13
(Director)

Regulation 13
(Director)

Regulation 13
(Quality Manager)

Regulation 13

Regulation 13
(Senior Technician)

Regulation 13
(Senior Technician)

Regulation 13
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fax: +44 (0)844 815 6642
e-mail: Regulat@prosoils.co.uk
Regulati@prosoils.co.uk

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS08	4	D	1.00		White structureless CHALK.
WS08	6	B	1.00	2.00	White structureless CHALK.
WS08	7	D	2.00		White structureless CHALK.
WS14	3	B	0.60	1.20	White CHALK.
WS14	4	D	1.20		White structureless CHALK.
WS14	9	D	3.00		White structureless CHALK.
WS14	10	B	3.50	4.00	White CHALK.
WS14	11	D	4.00		White structureless CHALK.
WS17	2	D	0.60		White CHALK.
WS17	4	B	0.70	1.00	Brown very gravelly sandy CLAY.
WS17	8	B	1.50	2.00	White slightly sandy clayey very silty GRAVEL.
WS17	14	B	4.00	5.00	White structureless CHALK.
WS44	2	B	0.20	0.50	Brown TOPSOIL.
WS44	5	B	0.50	1.00	Brown gravelly sandy CLAY.
WS44	3	D	0.80		Brown slightly gravelly sandy CLAY.
WS44	-	D	1.20		Light brown gravelly very sandy very silty CLAY.
WS44	7	B	1.20	2.00	Light brown very gravelly very sandy very silty CLAY.
WS47	-	D	1.20		Brown very sandy very clayey GRAVEL.
WS47	7	B	2.00	2.70	Brown very sandy clayey very silty GRAVEL.



4043

PSL

Professional Soils Laboratory

HE Compton, Compton, West Berkshire

Contract No:

PSL19/0977

Client Ref:

A090070-474

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS48	6	B	1.50	2.00	Brown slightly gravelly sandy very silty CLAY.
WS48	7	B	2.20	3.00	Light brown very sandy clayey silty GRAVEL.
WS48	11	D	4.80		Light brown gravelly very sandy very silty CLAY.
WS49	2	B	0.40	0.80	Brown TOPSOIL.
WS49	7	B	1.20	1.80	Light brown very sandy clayey very silty GRAVEL.
WS49	8	D	2.00		Brown gravelly very sandy CLAY.
WS49	10	B	3.00	4.00	Brown very sandy clayey very silty GRAVEL.
WS50	2	B	0.50	1.00	Brown sandy slightly clayey silty GRAVEL.
WS50	5	B	1.40	2.00	Brown very sandy clayey very silty GRAVEL.
WS50	4	D	1.60		Brown very gravelly very sandy CLAY.
WS50	-	D	2.00		Brown very gravelly slightly clayey SAND.
WS51	2	B	0.30	0.90	Brown very sandy clayey silty GRAVEL.
WS51	5	B	1.20	2.00	Brown very sandy slightly clayey GRAVEL.
WS51	7	B	2.20	2.70	Brown very sandy clayey very silty GRAVEL.



HE Compton, Compton, West Berkshire

Contract No:

PSL19/0977

Client Ref:

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SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % Clause 3.2	Linear Shrinkage % Clause 6.5	Particle Density Mg/m ³ Clause 8.2	Liquid Limit % Clause 4.3/4	Plastic Limit % Clause 5.3	Plasticity Index % Clause 5.4	Passing .425mm %	Remarks
WS08	4	D	1.00		26			34	23	11	100	Low plasticity CL.
WS08	7	D	2.00		25			31	21	10	100	Low plasticity CL.
WS14	4	D	1.20		26			36	24	12	100	Intermediate plasticity CI.
WS14	9	D	3.00		28			33	23	10	100	Low plasticity CL.
WS14	11	D	4.00		23			34	23	11	100	Low plasticity CL.
WS17	2	D	0.60		25			34	24	10	50	Low plasticity CL.
WS44	3	D	0.80		23			48	23	25	96	Intermediate plasticity CI.
WS44	-	D	1.20		13			29	16	13	83	Low plasticity CL.
WS47	-	D	1.20		12			33	16	17	47	Low plasticity CL.
WS48	11	D	4.80		20			30	17	13	88	Low plasticity CL.
WS49	8	D	2.00		13			37	18	19	82	Intermediate plasticity CI.
WS50	4	D	1.60		12			26	13	13	67	Low plasticity CL.
WS50	-	D	2.00		8.9				NP			

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.



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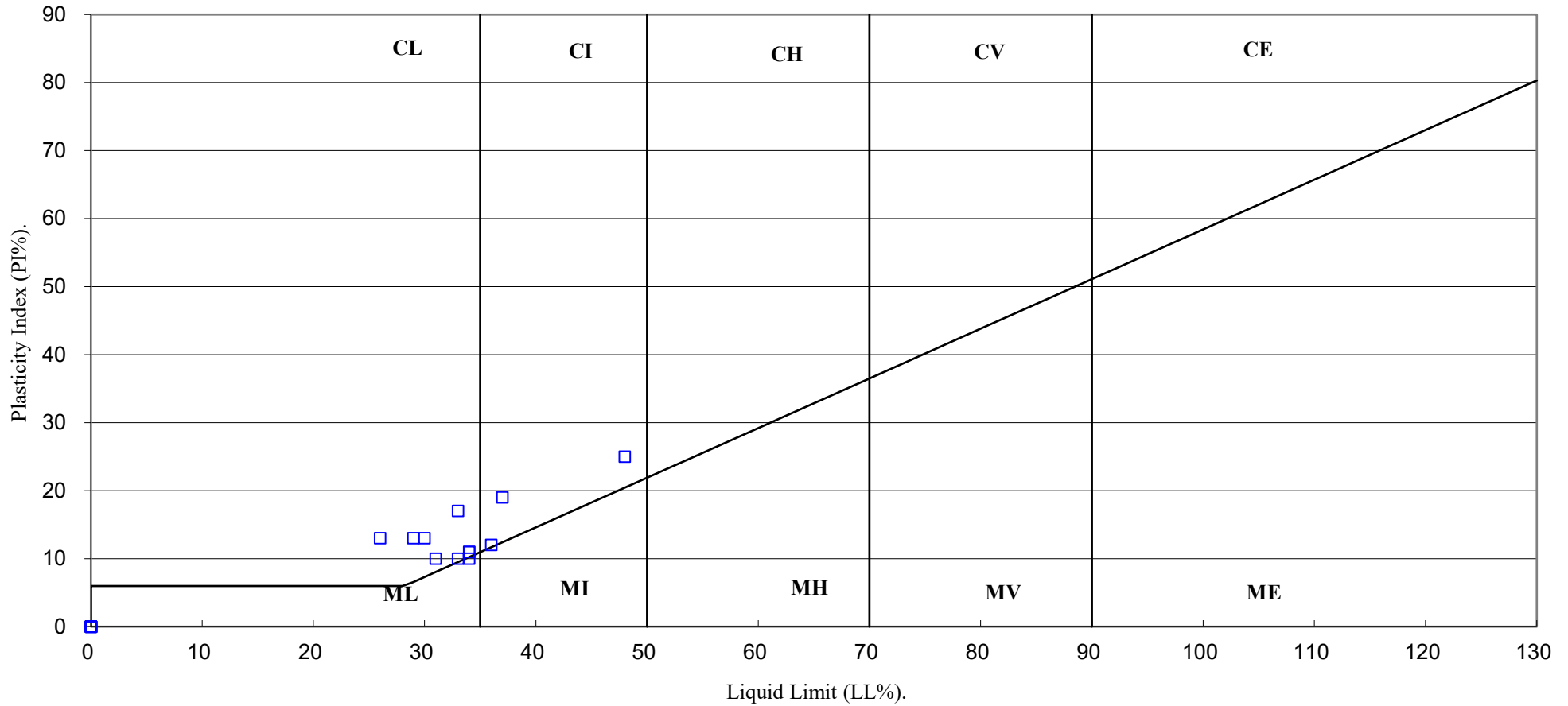
Contract No:

PSL19/0977

Client Ref:

A090070-474

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



4043

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PARTICLE SIZE DISTRIBUTION TEST

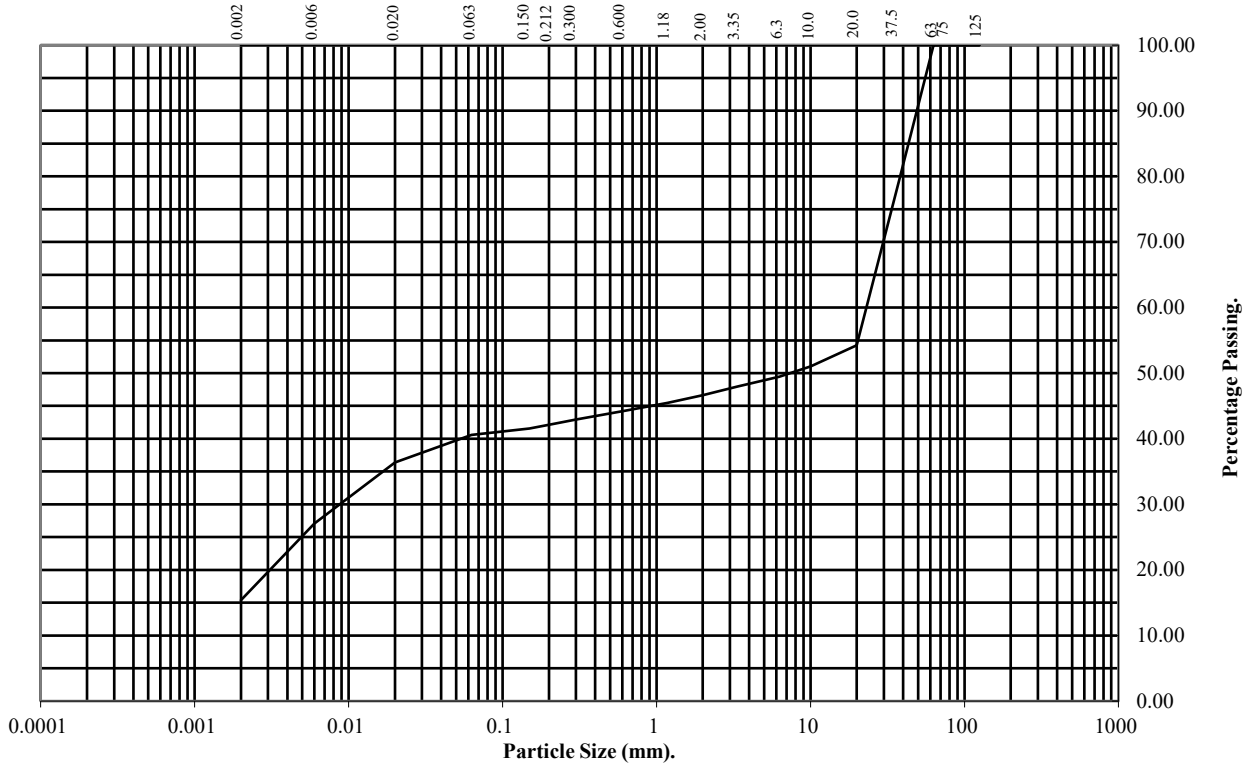
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS08** **Top Depth (m):** **1.00**

Sample Number: **6** **Base Depth(m):** **2.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	79
20	54
10	51
6.3	49
3.35	48
2	47
1.18	45
0.6	44
0.3	43
0.212	42
0.15	42
0.063	41

Particle Diameter	Percentage Passing
0.02	36
0.006	27
0.002	15

Soil Fraction	Total Percentage
Cobbles	0
Gravel	53
Sand	6
Silt	26
Clay	15

Remarks:
See Summary of Soil Descriptions



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Contract No:
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Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

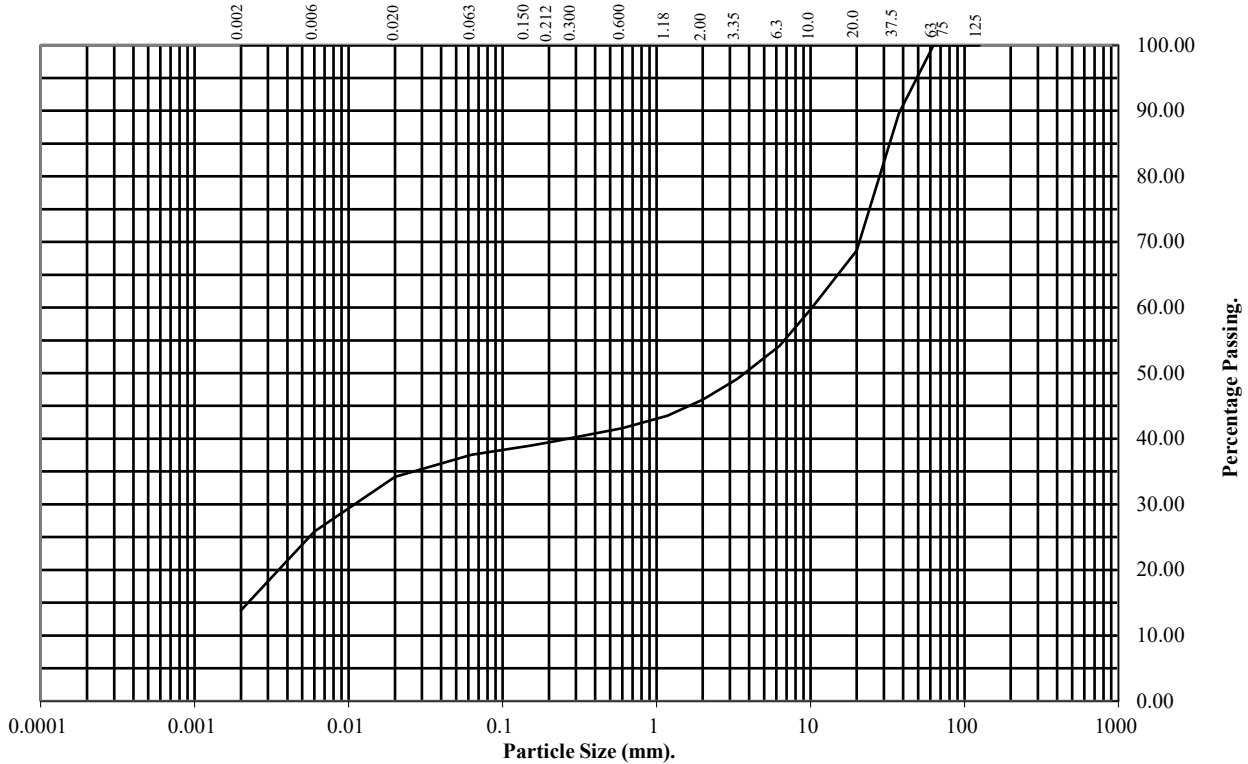
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS14** Top Depth (m): **0.60**

Sample Number: **3** Base Depth(m): **1.20**

Sample Type: **B**

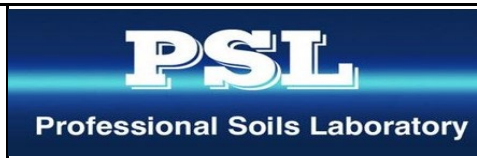


BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	90
20	69
10	60
6.3	54
3.35	49
2	46
1.18	44
0.6	42
0.3	40
0.212	40
0.15	39
0.063	38

Particle Diameter	Percentage Passing
0.02	34
0.006	26
0.002	14

Soil Fraction	Total Percentage
Cobbles	0
Gravel	54
Sand	8
Silt	24
Clay	14

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

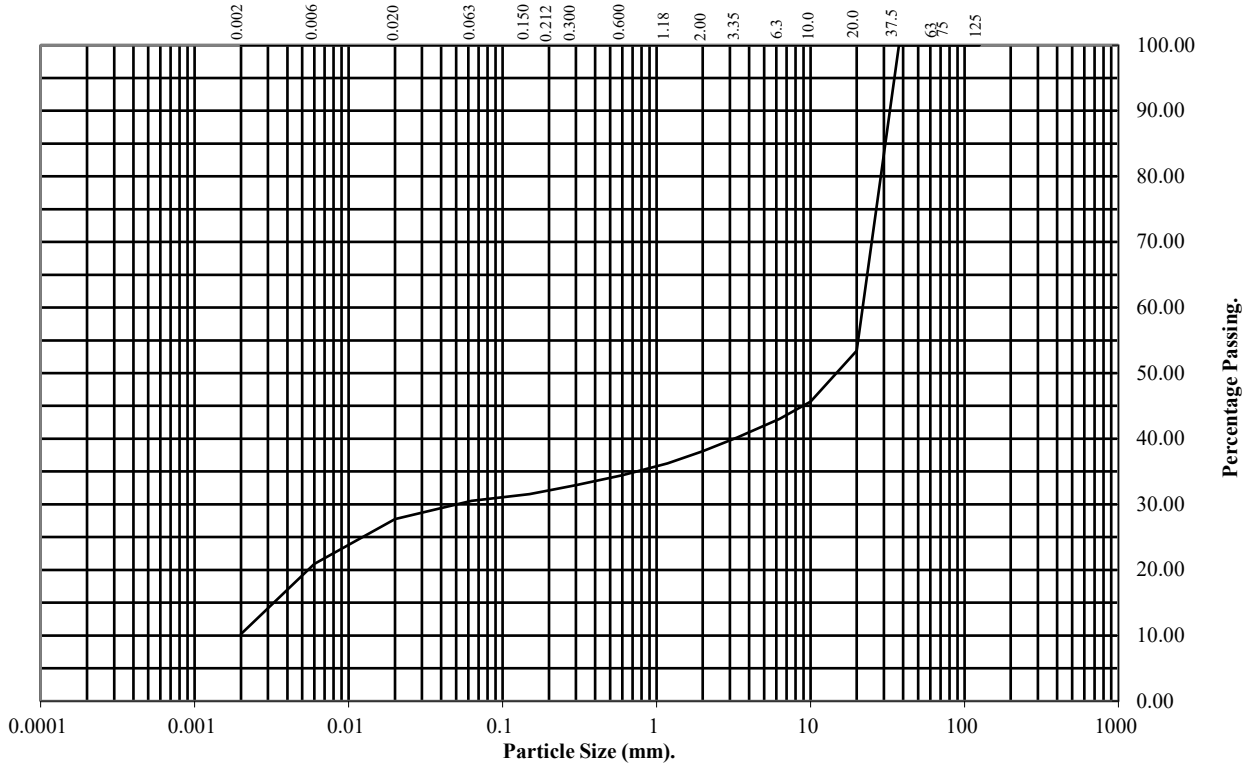
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS14** Top Depth (m): **3.50**

Sample Number: **10** Base Depth(m): **4.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	53
10	46
6.3	43
3.35	40
2	38
1.18	36
0.6	34
0.3	33
0.212	32
0.15	32
0.063	31

Particle Diameter	Percentage Passing
0.02	28
0.006	21
0.002	10

Soil Fraction	Total Percentage
Cobbles	0
Gravel	62
Sand	7
Silt	21
Clay	10

Remarks:
See Summary of Soil Descriptions



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Contract No:
PSL19/0977
Client Ref:
A090070-474

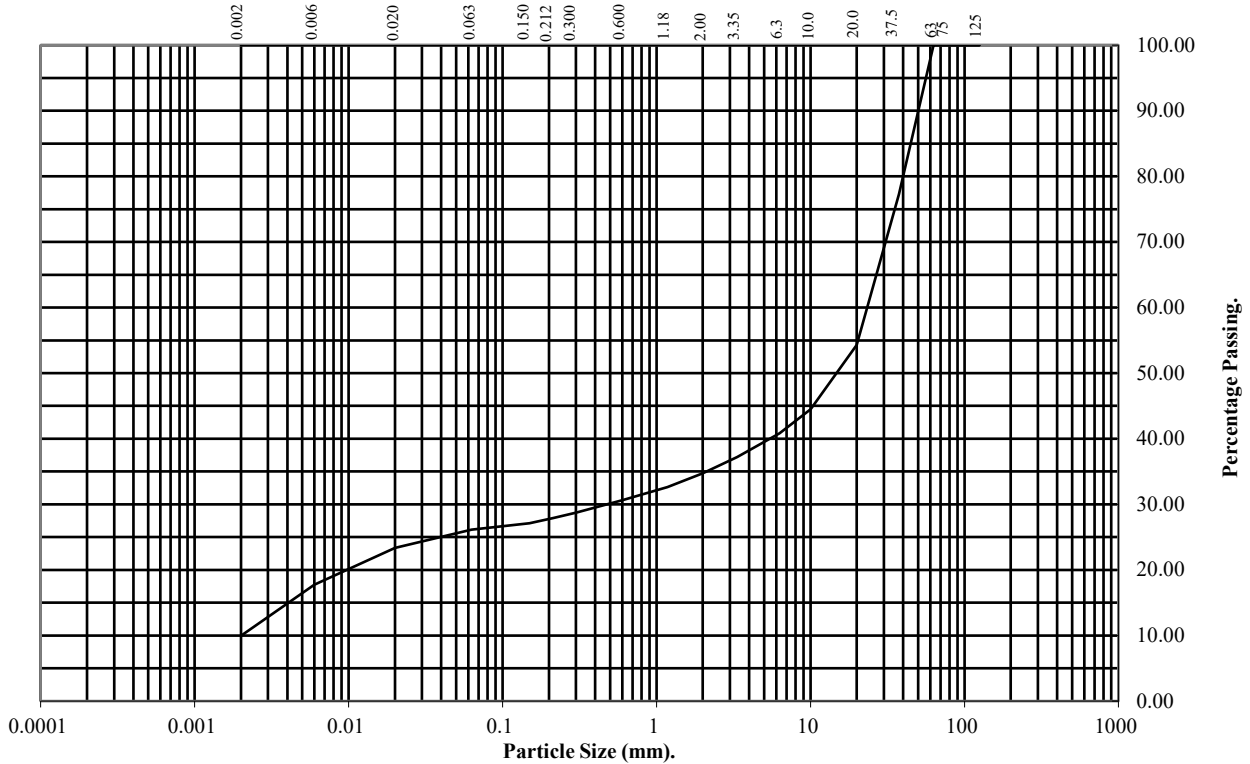
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS17** **Top Depth (m):** **1.50**

Sample Number: **8** **Base Depth(m):** **2.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	77
20	54
10	44
6.3	41
3.35	37
2	35
1.18	33
0.6	31
0.3	29
0.212	28
0.15	27
0.063	26

Particle Diameter	Percentage Passing
0.02	23
0.006	18
0.002	10

Soil Fraction	Total Percentage
Cobbles	0
Gravel	65
Sand	9
Silt	16
Clay	10

Remarks:
See Summary of Soil Descriptions



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Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

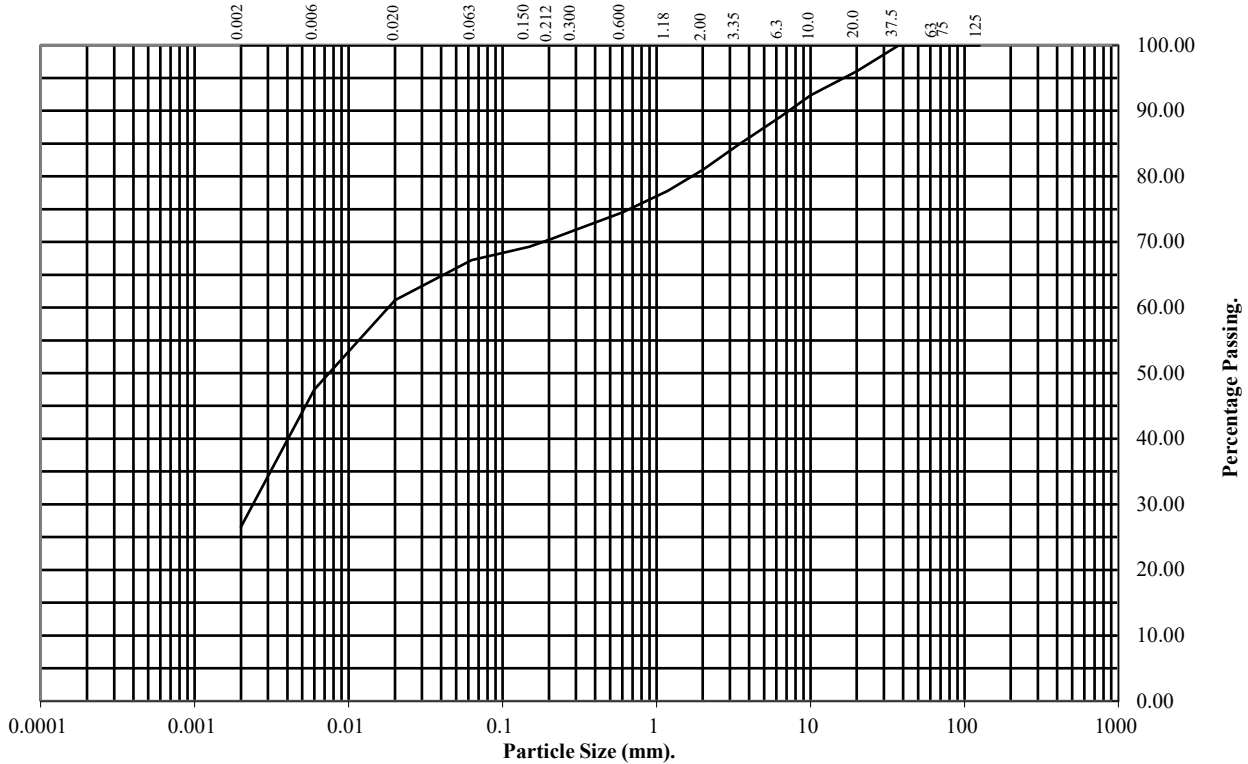
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS17** Top Depth (m): **4.00**

Sample Number: **14** Base Depth(m): **5.00**

Sample Type: **B**

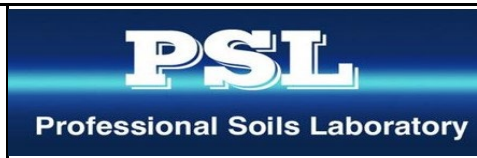


BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	96
10	92
6.3	89
3.35	85
2	81
1.18	78
0.6	75
0.3	72
0.212	71
0.15	69
0.063	67

Particle Diameter	Percentage Passing
0.02	61
0.006	48
0.002	27

Soil Fraction	Total Percentage
Cobbles	0
Gravel	19
Sand	14
Silt	40
Clay	27

Remarks:
See Summary of Soil Descriptions



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Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

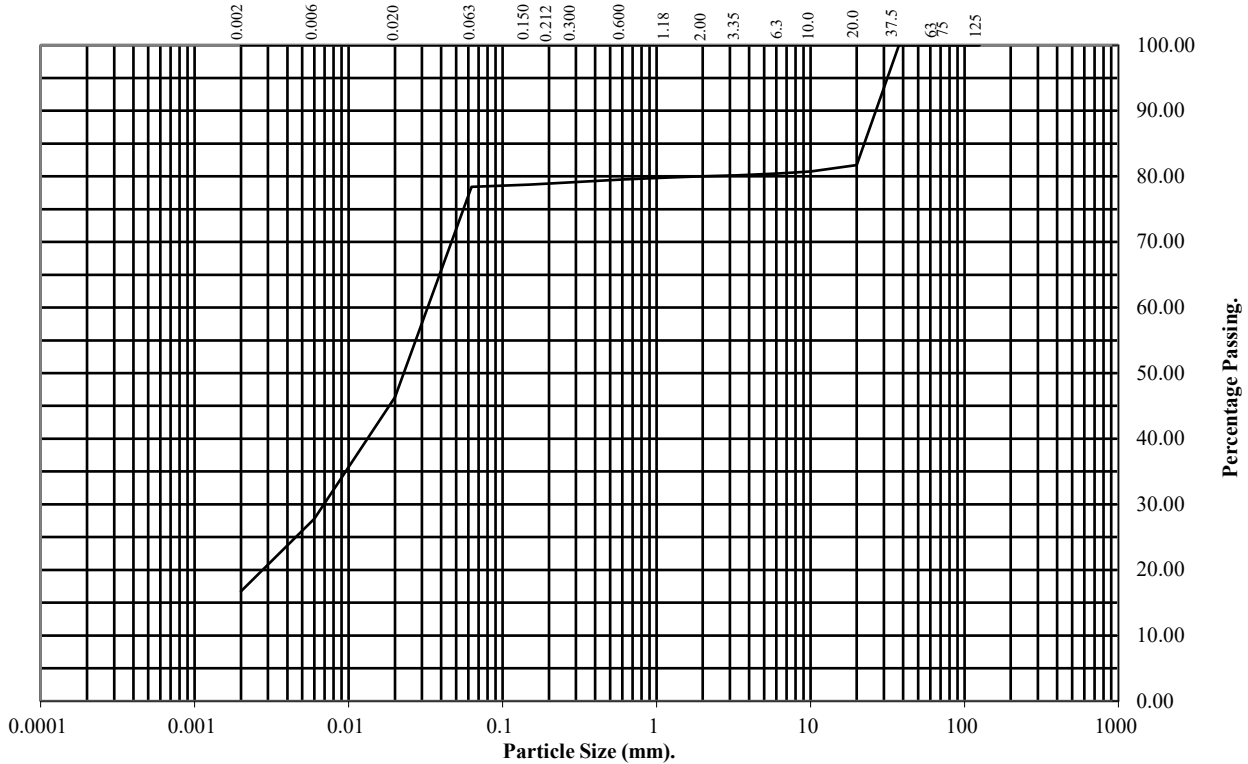
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS44** **Top Depth (m):** **0.20**

Sample Number: **2** **Base Depth(m):** **0.50**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	82
10	81
6.3	80
3.35	80
2	80
1.18	80
0.6	80
0.3	79
0.212	79
0.15	79
0.063	78

Particle Diameter	Percentage Passing
0.02	46
0.006	28
0.002	17

Soil Fraction	Total Percentage
Cobbles	0
Gravel	20
Sand	2
Silt	61
Clay	17

Remarks:
See Summary of Soil Descriptions



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Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

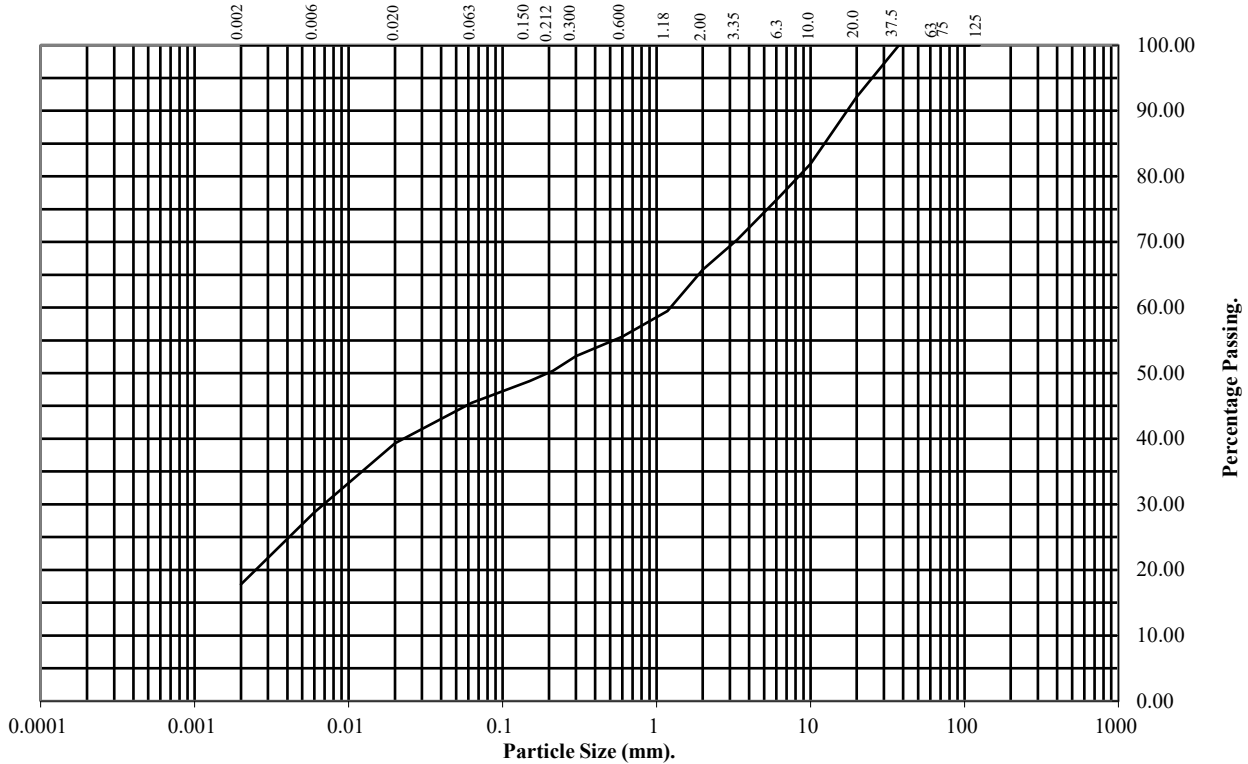
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS44** Top Depth (m): **1.20**

Sample Number: **7** Base Depth(m): **2.00**

Sample Type: **B**

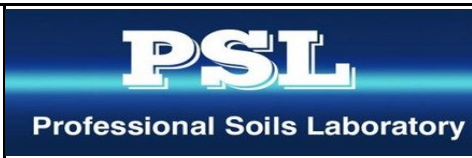


BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	92
10	82
6.3	77
3.35	70
2	66
1.18	59
0.6	56
0.3	53
0.212	50
0.15	49
0.063	45

Particle Diameter	Percentage Passing
0.02	39
0.006	29
0.002	18

Soil Fraction	Total Percentage
Cobbles	0
Gravel	34
Sand	21
Silt	27
Clay	18

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

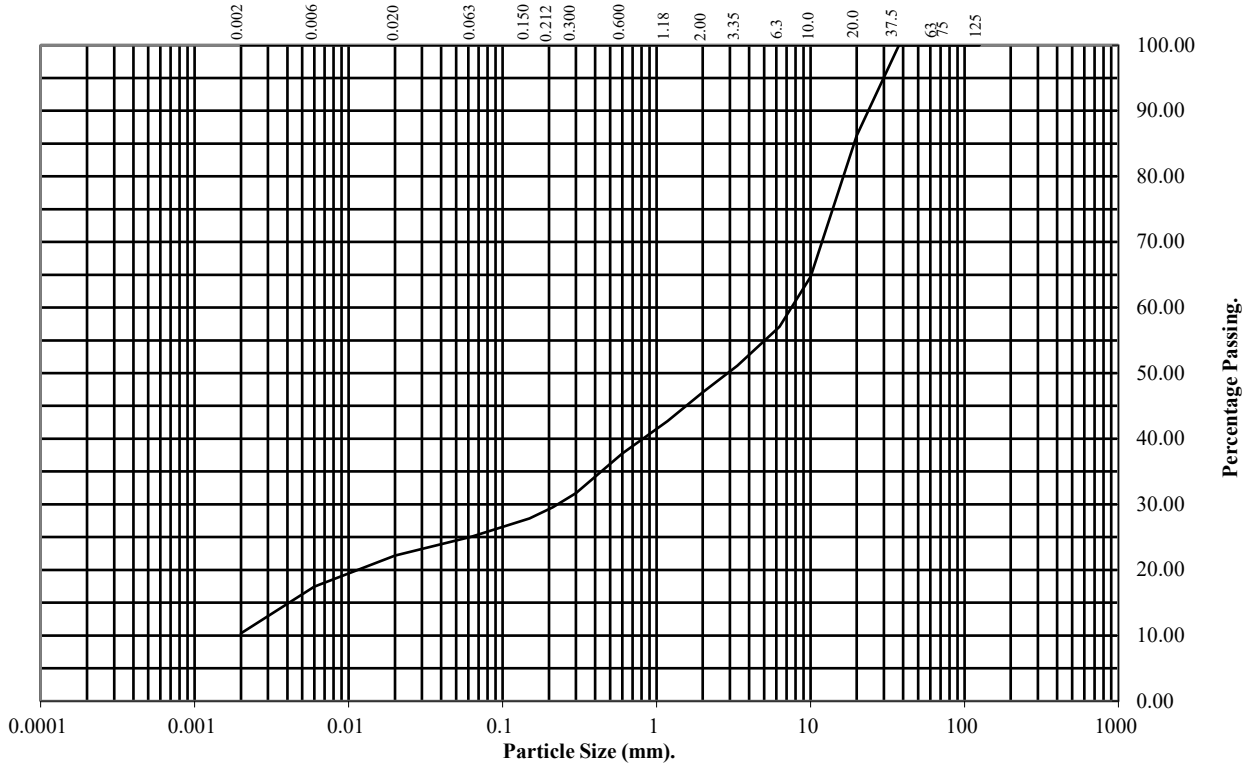
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS47** Top Depth (m): **2.00**

Sample Number: **7** Base Depth(m): **2.70**

Sample Type: **B**

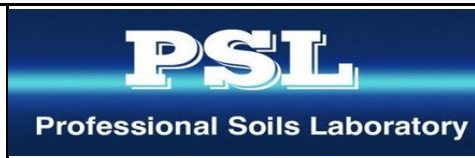


BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	86
10	65
6.3	57
3.35	51
2	47
1.18	43
0.6	38
0.3	32
0.212	30
0.15	28
0.063	25

Particle Diameter	Percentage Passing
0.02	22
0.006	17
0.002	10

Soil Fraction	Total Percentage
Cobbles	0
Gravel	53
Sand	22
Silt	15
Clay	10

Remarks:
See Summary of Soil Descriptions



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Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

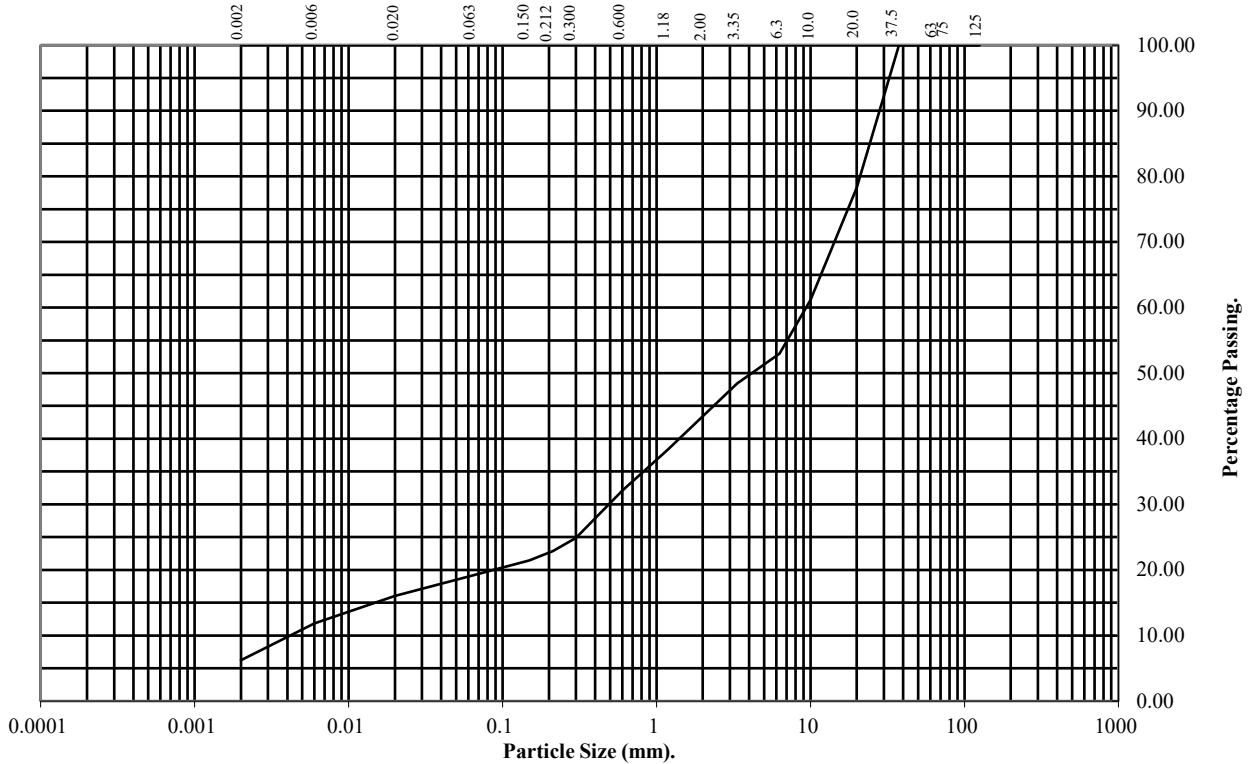
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS48** **Top Depth (m):** **2.20**

Sample Number: **7** **Base Depth(m):** **3.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	78
10	61
6.3	53
3.35	48
2	43
1.18	38
0.6	32
0.3	25
0.212	23
0.15	21
0.063	19

Particle Diameter	Percentage Passing
0.02	16
0.006	12
0.002	6

Soil Fraction	Total Percentage
Cobbles	0
Gravel	57
Sand	24
Silt	13
Clay	6

Remarks:
See Summary of Soil Descriptions



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Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

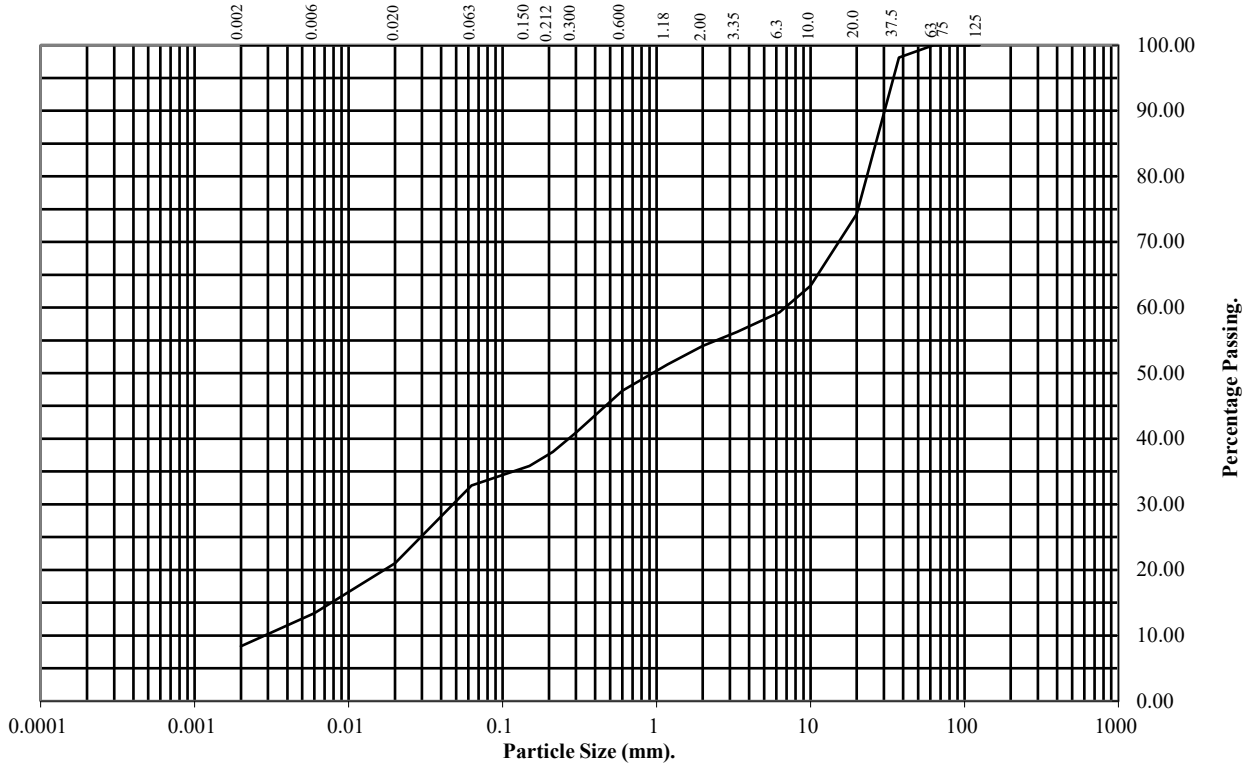
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS49** **Top Depth (m):** **0.40**

Sample Number: **2** **Base Depth(m):** **0.80**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	98
20	74
10	63
6.3	59
3.35	56
2	54
1.18	51
0.6	47
0.3	41
0.212	38
0.15	36
0.063	33

Particle Diameter	Percentage Passing
0.02	21
0.006	13
0.002	8

Soil Fraction	Total Percentage
Cobbles	0
Gravel	46
Sand	21
Silt	25
Clay	8

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

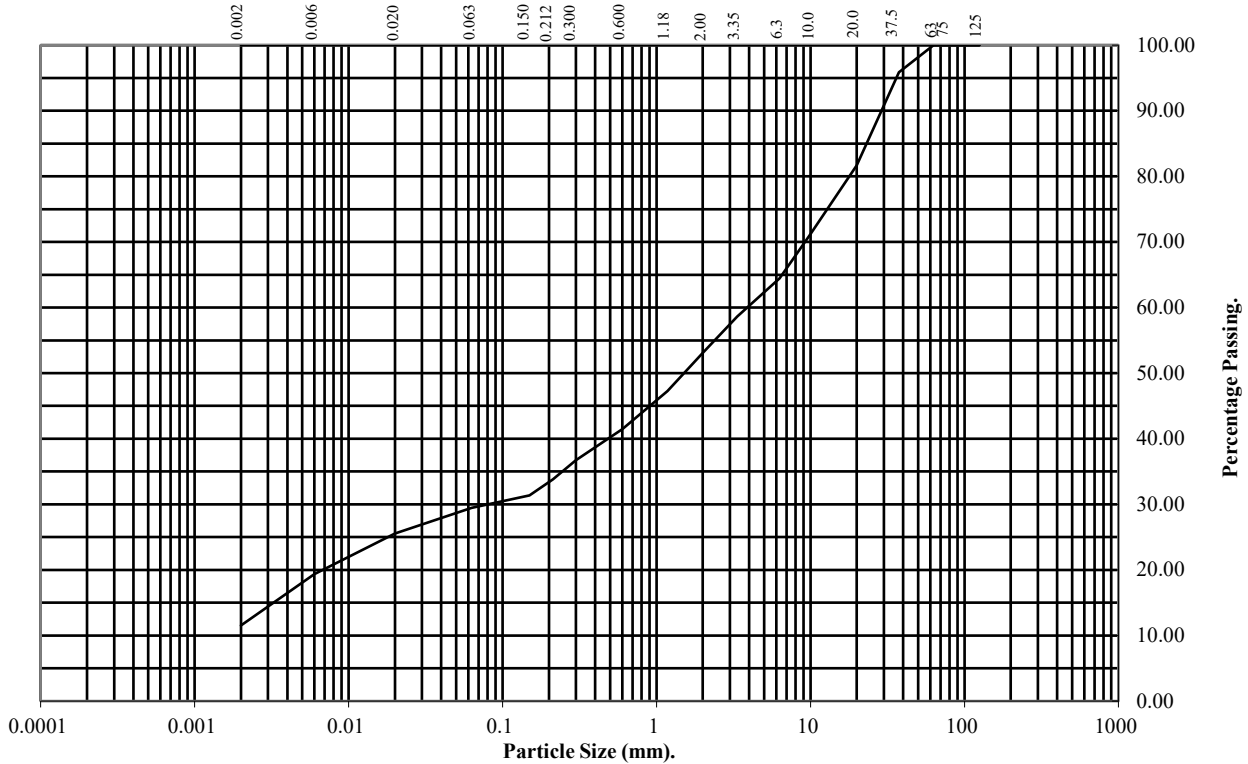
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS49** **Top Depth (m):** **1.20**

Sample Number: **7** **Base Depth(m):** **1.80**

Sample Type: **B**

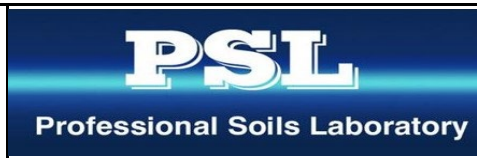


BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	96
20	82
10	71
6.3	64
3.35	59
2	53
1.18	47
0.6	41
0.3	37
0.212	34
0.15	31
0.063	29

Particle Diameter	Percentage Passing
0.02	26
0.006	19
0.002	12

Soil Fraction	Total Percentage
Cobbles	0
Gravel	47
Sand	24
Silt	17
Clay	12

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

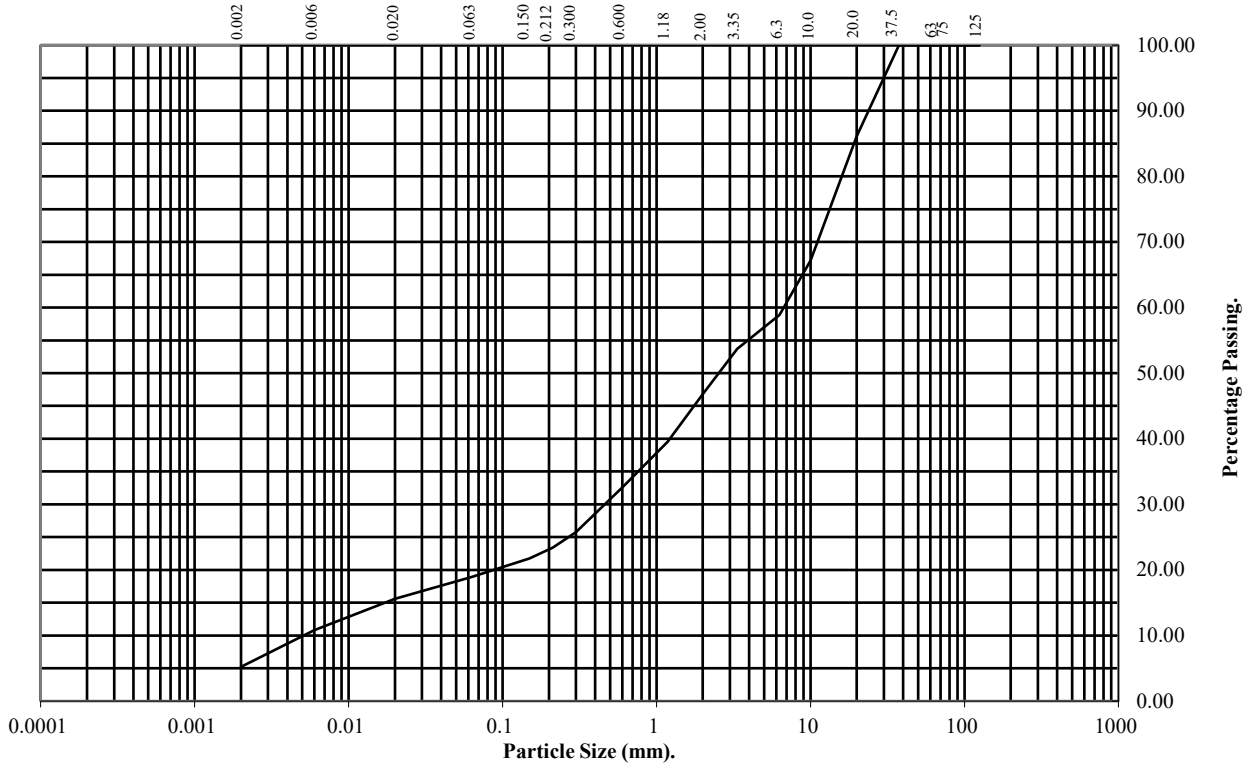
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS49** Top Depth (m): **3.00**

Sample Number: **10** Base Depth(m): **4.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	86
10	67
6.3	59
3.35	54
2	47
1.18	40
0.6	33
0.3	26
0.212	23
0.15	22
0.063	19

Particle Diameter	Percentage Passing
0.02	16
0.006	11
0.002	5

Soil Fraction	Total Percentage
Cobbles	0
Gravel	53
Sand	28
Silt	14
Clay	5

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

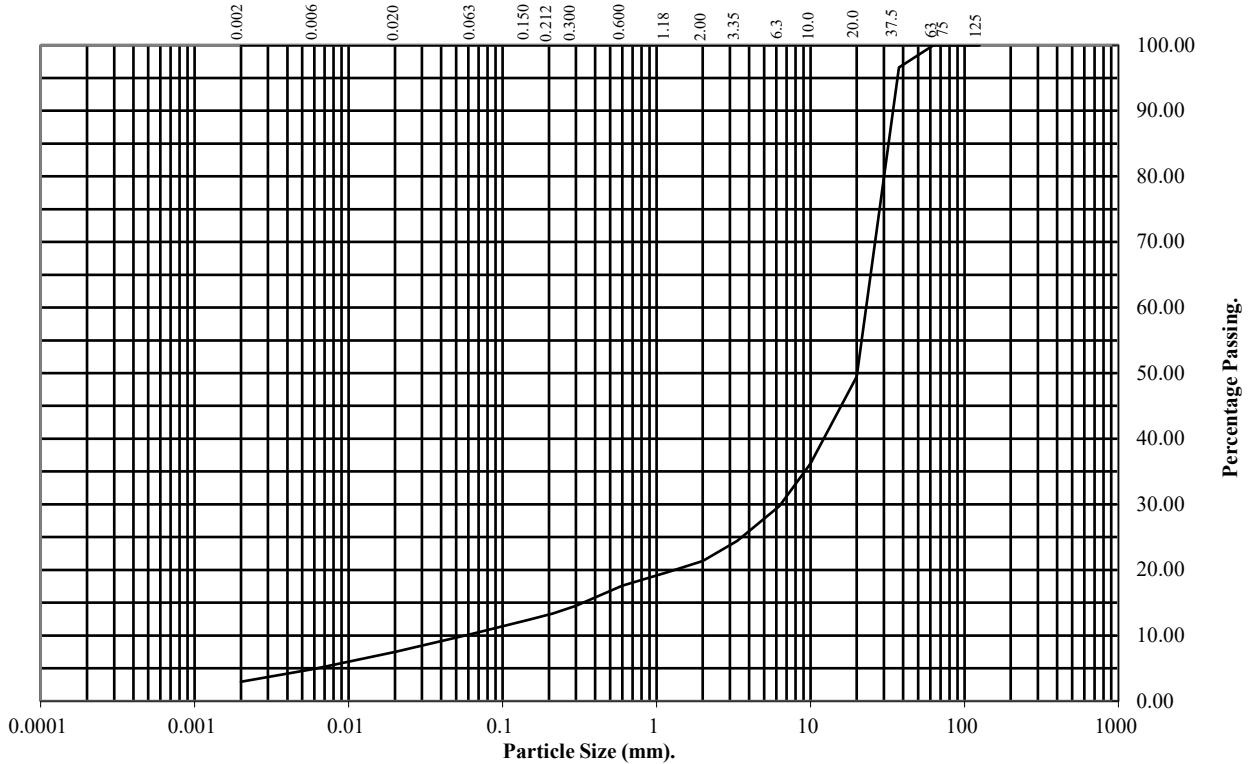
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS50** **Top Depth (m):** **0.50**

Sample Number: **2** **Base Depth(m):** **1.00**

Sample Type: **B**

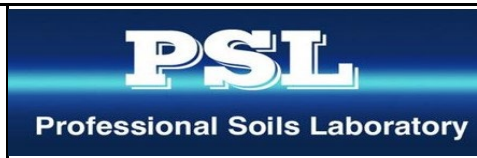


BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	97
20	49
10	36
6.3	30
3.35	24
2	21
1.18	20
0.6	18
0.3	15
0.212	13
0.15	12
0.063	10

Particle Diameter	Percentage Passing
0.02	8
0.006	5
0.002	3

Soil Fraction	Total Percentage
Cobbles	0
Gravel	79
Sand	11
Silt	7
Clay	3

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

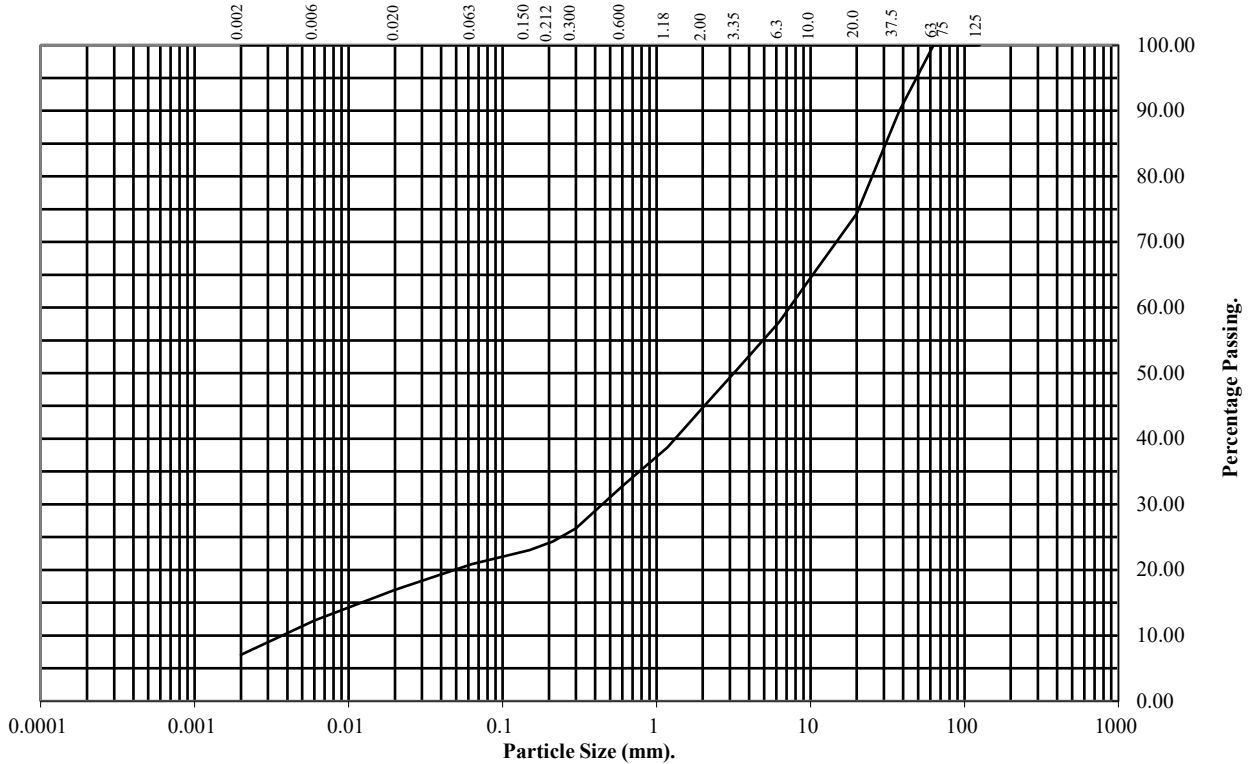
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS50** Top Depth (m): **1.40**

Sample Number: **5** Base Depth(m): **2.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	90
20	74
10	65
6.3	58
3.35	51
2	45
1.18	39
0.6	33
0.3	26
0.212	24
0.15	23
0.063	21

Particle Diameter	Percentage Passing
0.02	17
0.006	12
0.002	7

Soil Fraction	Total Percentage
Cobbles	0
Gravel	55
Sand	24
Silt	14
Clay	7

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

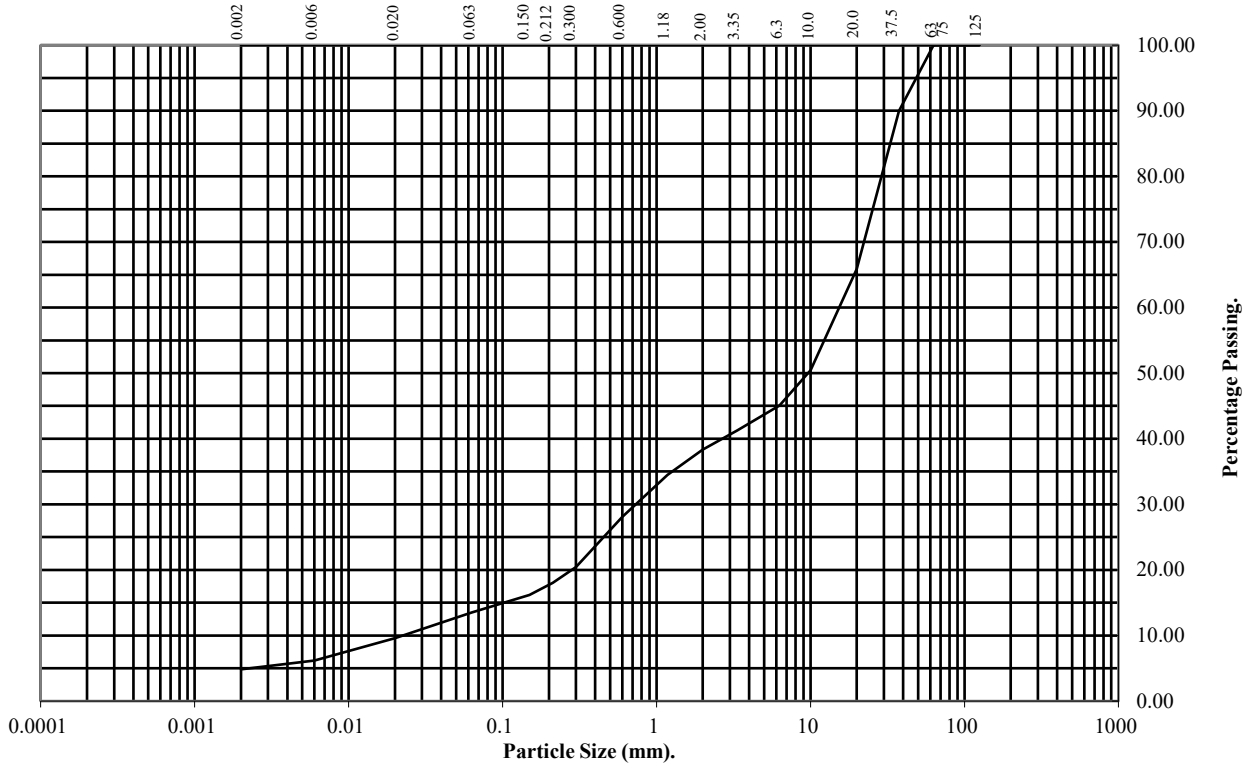
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS51** **Top Depth (m):** **0.30**

Sample Number: **2** **Base Depth(m):** **0.90**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	90
20	66
10	50
6.3	45
3.35	41
2	38
1.18	34
0.6	28
0.3	20
0.212	18
0.15	16
0.063	14

Particle Diameter	Percentage Passing
0.02	10
0.006	6
0.002	5

Soil Fraction	Total Percentage
Cobbles	0
Gravel	62
Sand	24
Silt	9
Clay	5

Remarks:
See Summary of Soil Descriptions



HE Compton, Compton, West Berkshire

Contract No:
PSL19/0977
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

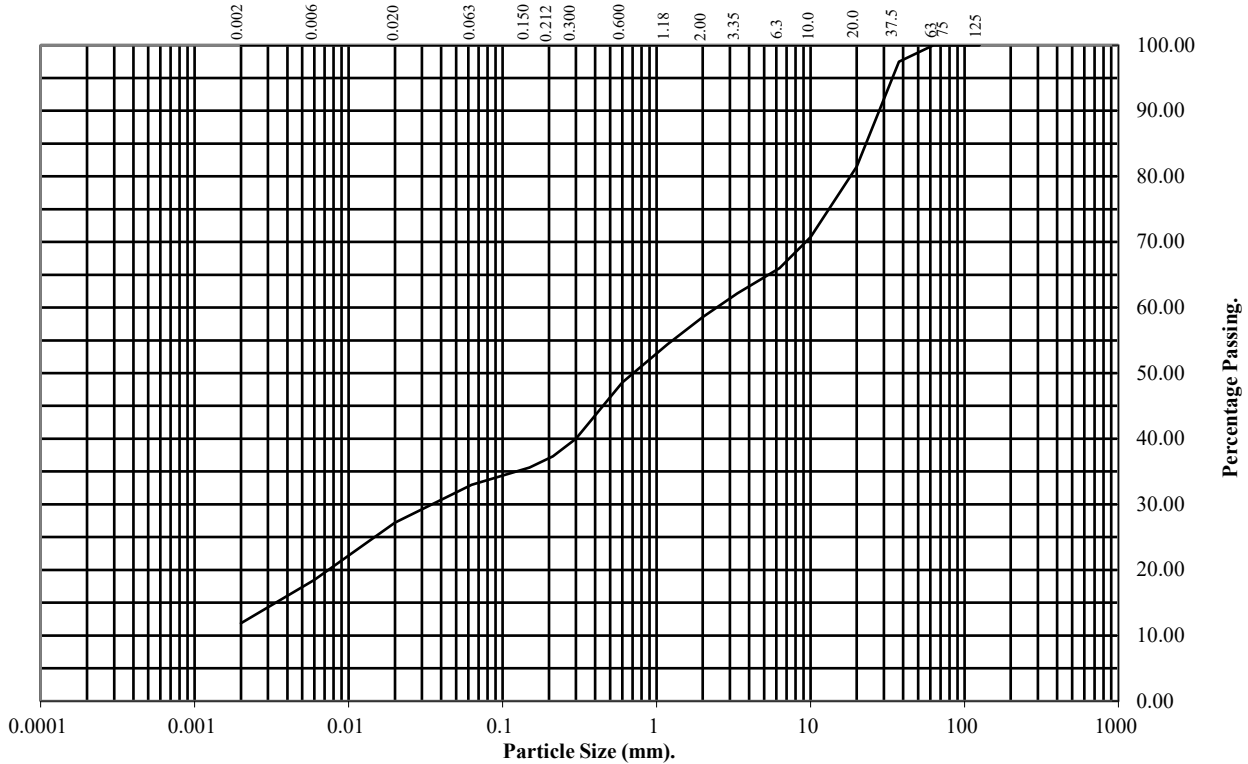
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS51** **Top Depth (m):** **2.20**

Sample Number: **7** **Base Depth(m):** **2.70**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	97
20	81
10	71
6.3	66
3.35	62
2	59
1.18	54
0.6	49
0.3	40
0.212	37
0.15	36
0.063	33

Particle Diameter	Percentage Passing
0.02	27
0.006	18
0.002	12

Soil Fraction	Total Percentage
Cobbles	0
Gravel	41
Sand	26
Silt	21
Clay	12

Remarks:
See Summary of Soil Descriptions



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Contract No:
PSL19/0977
Client Ref:
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

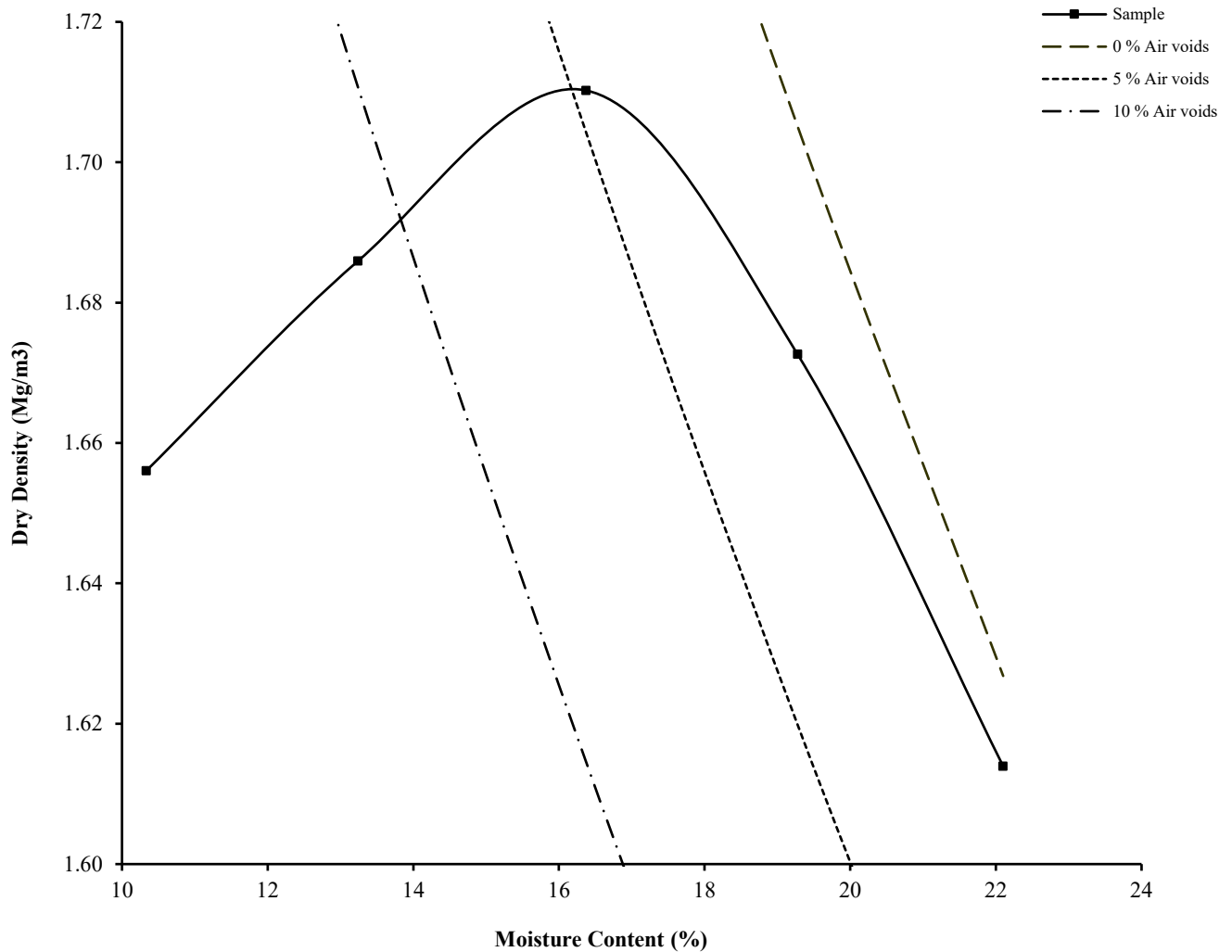
Hole Number: **WS17**

Top Depth (m) : **0.70**

Sample Number: **4**

Base Depth (m) : **1.00**

Sample Type: **B**



Initial Moisture Content:	19	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.54	Assumed	Material Retained on 37.5 mm Test Sieve (%):	6
Maximum Dry Density (Mg/m ³):	1.71		Material Retained on 20.0 mm Test Sieve (%):	8
Optimum Moisture Content (%):	16			
Remarks See summary of soil descriptions.				



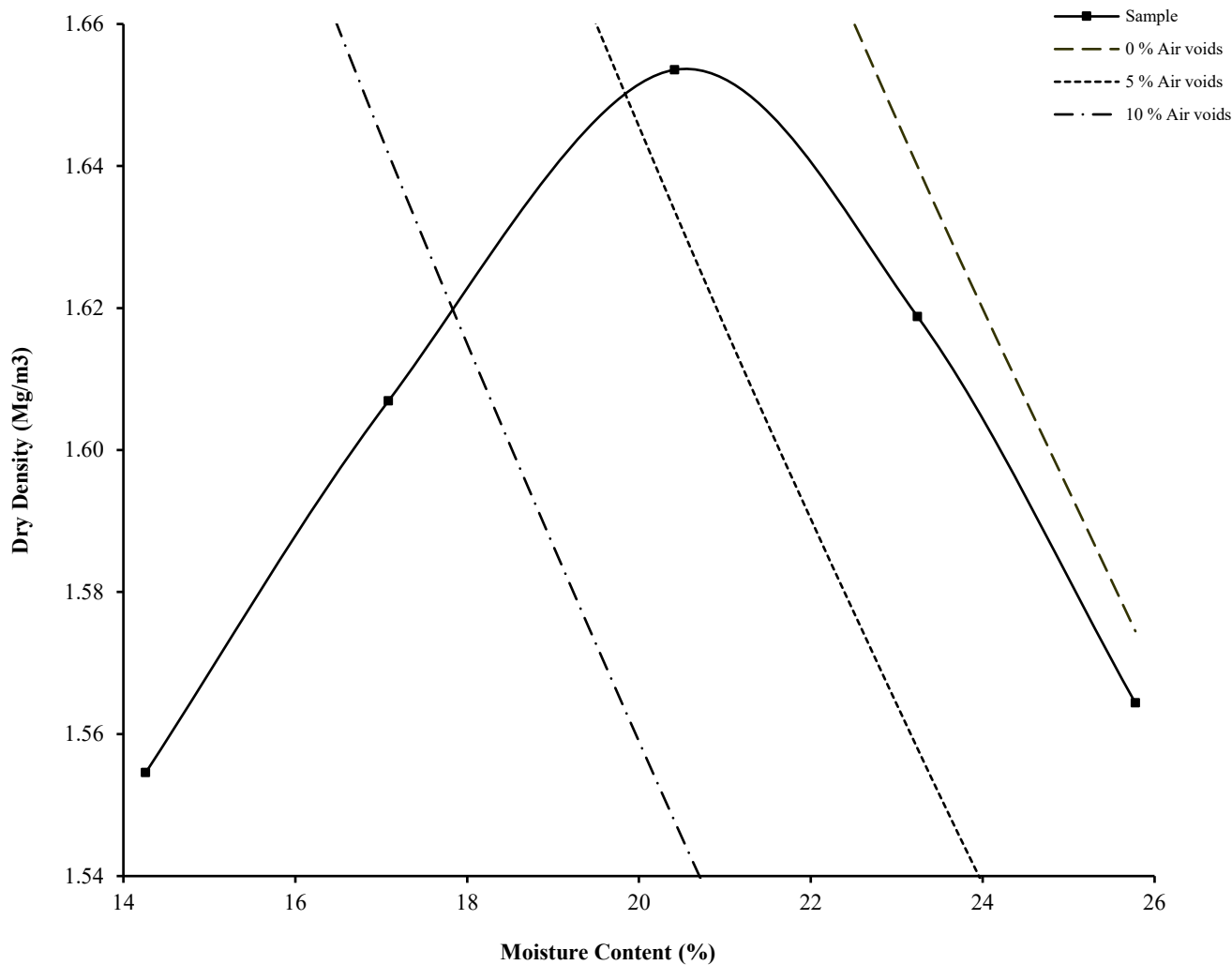
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A090070-474

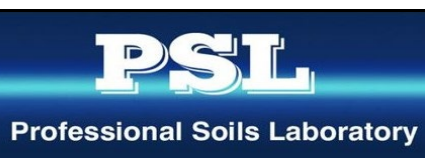
DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

Hole Number: **WS44** Top Depth (m) : **0.50**
 Sample Number: **5** Base Depth (m) : **1.00**
 Sample Type: **B**



Initial Moisture Content:	23	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.65		Material Retained on 20.0 mm Test Sieve (%):	7
Optimum Moisture Content (%):	20			
Remarks See summary of soil descriptions.				



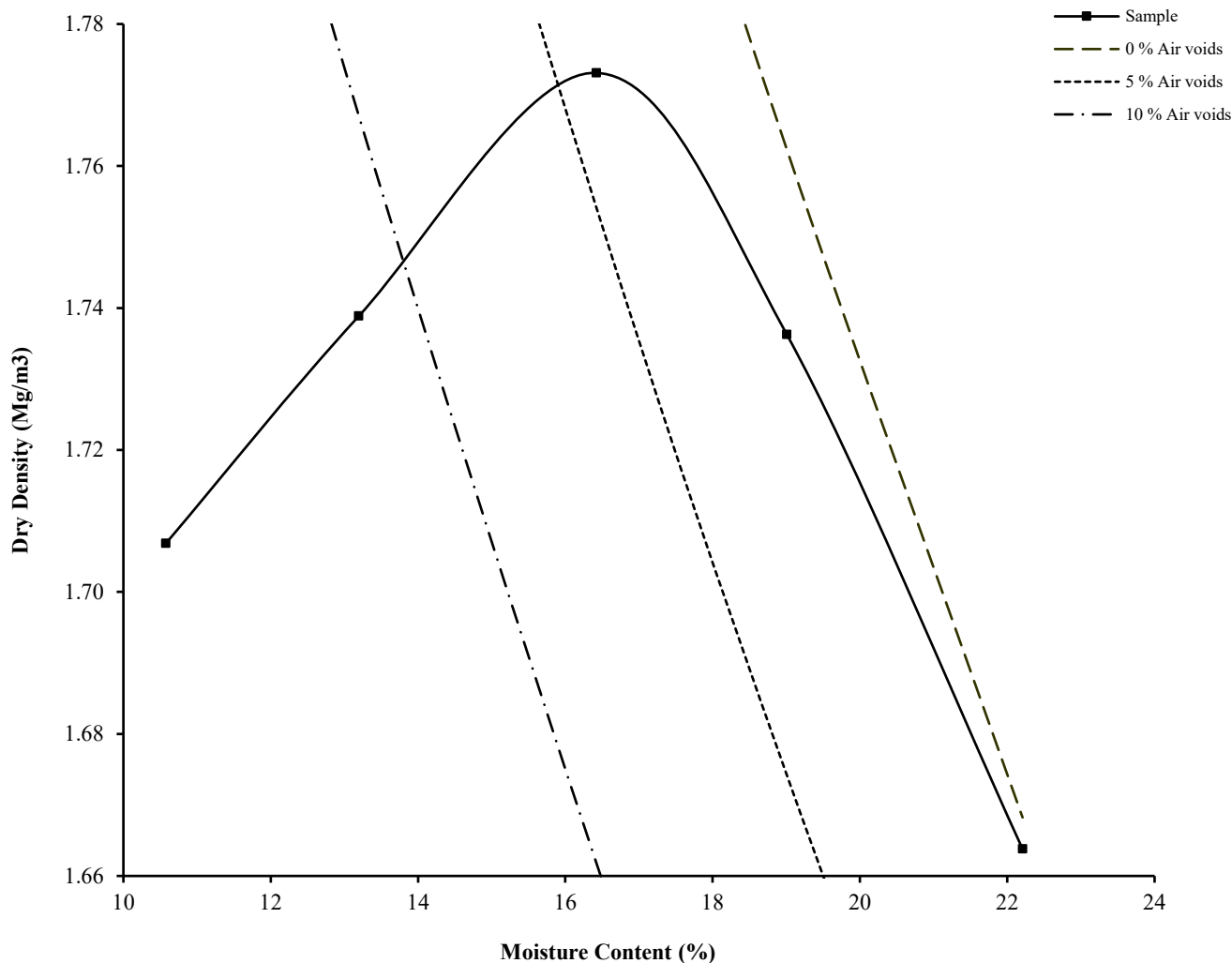
HE Compton, Compton, West Berkshire

Contract
PSL19/0977
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

Hole Number: **WS48** Top Depth (m) : **1.50**
 Sample Number: **6** Base Depth (m) : **2.00**
 Sample Type: **B**



Initial Moisture Content:	19	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.77		Material Retained on 20.0 mm Test Sieve (%):	0
Optimum Moisture Content (%):	16			
Remarks See summary of soil descriptions.				



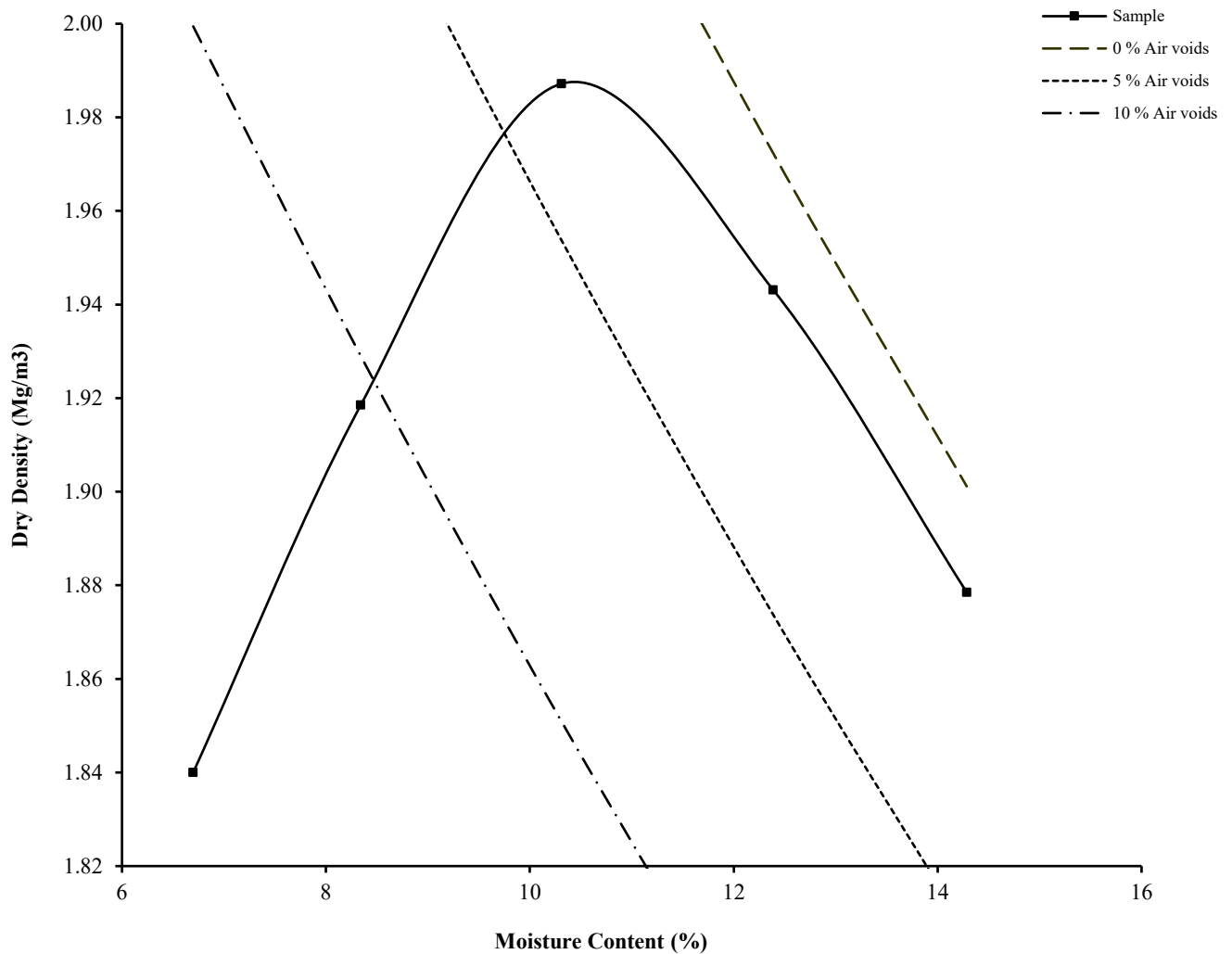
HE Compton, Compton, West Berkshire

Contract
PSL19/0977
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

Non compliance with BS 1377 : Part 4 : 1990

Hole Number: **WS51** Top Depth (m) : **1.20**
 Sample Number: **5** Base Depth (m) : **2.00**
 Sample Type: **B**



Initial Moisture Content:	8.3	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.61	Assumed	Material Retained on 37.5 mm Test Sieve (%):	14
Maximum Dry Density (Mg/m ³):	1.99		Material Retained on 20.0 mm Test Sieve (%):	28
Optimum Moisture Content (%):	10			
Remarks See summary of soil descriptions.				



HE Compton, Compton, West Berkshire

Contract
 PSL19/0977
 Client Ref
 A090070-474

SUMMARY OF CHALK TESTS

(BS1377 : PART 2 & 4 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content %	Saturated MC %	Dry Density Mg/m ³	Passing 10mm Sieve %	Chalk Crushing Value CCV	Remarks
WS17	8	B	1.50	2.00	26	26	1.58			
WS17	14	B	4.00	5.00	25	41	1.29			

* Chalk Crushing Value is out of our UKAS Scope

		HE Compton, Compton, West Berkshire		Contract No:
				PSL19/0977
				Client Ref:
				A090070-474



DETS

Certificate of Analysis

Certificate Number 19-02912

19-Feb-19

Client Professional Soils Laboratory Ltd
5/7 Hexthorpe Road
Hexthorpe
DN4 0AR

Our Reference 19-02912

Client Reference PSL19/0977

Order No (not supplied)

Contract Title HE Compton- Compton, West Berkshire

Description 3 Soil samples.

Date Received 15-Feb-19

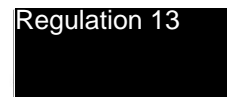
Date Started 15-Feb-19

Date Completed 19-Feb-19

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By Regulation 13



Regulation 13
Contracts Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 19-02912

Client Ref PSL19/0977

Contract Title HE Compton- Compton, West Berkshire

Lab No	1461034	1461035	1461036
Sample ID	WS14	WS17	WS49
Depth	0.60	1.20	1.20
Other ID	2	6	5
Sample Type	D	D	D
Sampling Date	10/01/19	11/01/19	09/01/19
Sampling Time	n/s	n/s	n/s

Test	Method	LOD	Units			
Inorganics						
pH	DETSC 2008#			9.0	8.9	8.5
Sulphate Aqueous Extract as SO4	DETSC 2076#	10	mg/l	13	23	< 10

Information in Support of the Analytical Results

Our Ref 19-02912

Client Ref PSL19/0977

Contract HE Compton- Compton, West Berkshire

Containers Received & Deviating Samples

Lab No	Sample ID	Date		Holding time exceeded for tests	Inappropriate container for tests
		Sampled	Containers Received		
1461034	WS14 0.60 SOIL	10/01/19	PT 1L	pH + Conductivity (7 days)	
1461035	WS17 1.20 SOIL	11/01/19	PT 1L	pH + Conductivity (7 days)	
1461036	WS49 1.20 SOIL	09/01/19	PT 1L	pH + Conductivity (7 days)	

Key: P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months



DETS

Certificate of Analysis

Certificate Number 19-02912

19-Feb-19

Client Professional Soils Laboratory Ltd
5/7 Hexthorpe Road
Hexthorpe
DN4 0AR

Our Reference 19-02912

Client Reference PSL19/0977

Order No (not supplied)

Contract Title HE Compton- Compton, West Berkshire

Description 3 Soil samples.

Date Received 15-Feb-19

Date Started 15-Feb-19

Date Completed 19-Feb-19

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

Regulation 13

Regulation 13

Contracts Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 19-02912

Client Ref PSL19/0977

Contract Title HE Compton- Compton, West Berkshire

Lab No	1461034	1461035	1461036
Sample ID	WS14	WS17	WS49
Depth	0.60	1.20	1.20
Other ID	2	6	5
Sample Type	D	D	D
Sampling Date	10/01/19	11/01/19	09/01/19
Sampling Time	n/s	n/s	n/s

Test	Method	LOD	Units			
Inorganics						
pH	DETSC 2008#			9.0	8.9	8.5
Sulphate Aqueous Extract as SO4	DETSC 2076#	10	mg/l	13	23	< 10

Information in Support of the Analytical Results

Our Ref 19-02912

Client Ref PSL19/0977

Contract HE Compton- Compton, West Berkshire

Containers Received & Deviating Samples

Lab No	Sample ID	Date		Containers Received	Holding time exceeded for tests	Inappropriate container for tests
		Sampled				
1461034	WS14 0.60 SOIL	10/01/19		PT 1L	pH + Conductivity (7 days)	
1461035	WS17 1.20 SOIL	11/01/19		PT 1L	pH + Conductivity (7 days)	
1461036	WS49 1.20 SOIL	09/01/19		PT 1L	pH + Conductivity (7 days)	

Key: P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months



DETS

Certificate of Analysis

Certificate Number 19-02920

22-Feb-19

Client Professional Soils Laboratory Ltd
5/7 Hexthorpe Road
Hexthorpe
DN4 0AR

Our Reference 19-02920

Client Reference PSL19/0980

Order No (not supplied)

Contract Title HE Compton Compton, West Berkshire

Description One Soil sample.

Date Received 15-Feb-19

Date Started 15-Feb-19

Date Completed 22-Feb-19

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By Regulation 13

Regulation 13
Contracts Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 19-02920

Client Ref PSL19/0980

Contract Title HE Compton Compton, West Berkshire

Lab No	1461067
Sample ID	WS35
Depth	1.30-1.60
Other ID	1
Sample Type	D
Sampling Date	21/01/19
Sampling Time	n/s

Test	Method	LOD	Units	
Inorganics				
pH	DETSC 2008#			8.6
Sulphate Aqueous Extract as SO4	DETSC 2076#	10	mg/l	11

Information in Support of the Analytical Results

Our Ref 19-02920
 Client Ref PSL19/0980
 Contract HE Compton Compton, West Berkshire

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1461066	WS19 1.20 SOIL	16/01/19	PT 500ml	pH + Conductivity (7 days)	
1461067	WS35 1.30-1.60 SOIL	21/01/19	PT 1L	pH + Conductivity (7 days)	

Key: P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months



LABORATORY REPORT



4043

Contract Number: PSL19/0980

Report Date: 28 February 2019

Client's Reference: A090070-474

Client Name: WYG London
11th Floor
1 Angel Court
London
EC2R 7HJ

For the attention of: Regulation 13

Contract Title: HE Compton, West Berkshire

Date Received: 13/2/2019

Date Commenced: 13/2/2019

Date Completed: 28/2/2019

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

Regulation 13
(Director)

Regulation 13
(Director)

Regulation 13
(Quality Manager)

Regulation 13

Regulation 13
(Senior Technician)

Regulation 13
(Senior/Quality Technician)

Regulation 13
(Senior Technician)

5 – 7 Hexthorpe Road, Hexthorpe,
Doncaster DN4 0AR
tel: +44 (0)844 815 6641
fax: +44 (0)844 815 6642
e-mail: Regulat@prosoils.co.uk
Regulati@prosoils.co.uk

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS19		D	1.20		Brown slightly gravelly sandy CLAY.
WS19		D	2.00		Brown gravelly very sandy CLAY.
WS19		D	3.00		White structureless CHALK.
WS19		B	3.30	4.00	White structureless CHALK.
WS19		D	4.00		White structureless CHALK.
WS22	3	B	1.00	1.20	White structureless CHALK.
WS29	2	B	1.00	1.20	Brown gravelly slightly sandy CLAY.
WS29	3	B	1.50	2.00	Brown slightly gravelly slightly sandy CLAY.
WS29	2	D	2.50		Brown slightly gravelly very sandy CLAY.
WS35	2	B	1.00	1.20	Brown very gravelly very sandy CLAY.
WS38	3	B	0.80	1.00	Brown sandy clayey silty GRAVEL.
WS39	3	B	0.90	1.20	Brown sandy clayey very silty GRAVEL.



HE Compton, West Berkshire

Contract No:
PSL19/0980
Client Ref:
A090070-474



SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

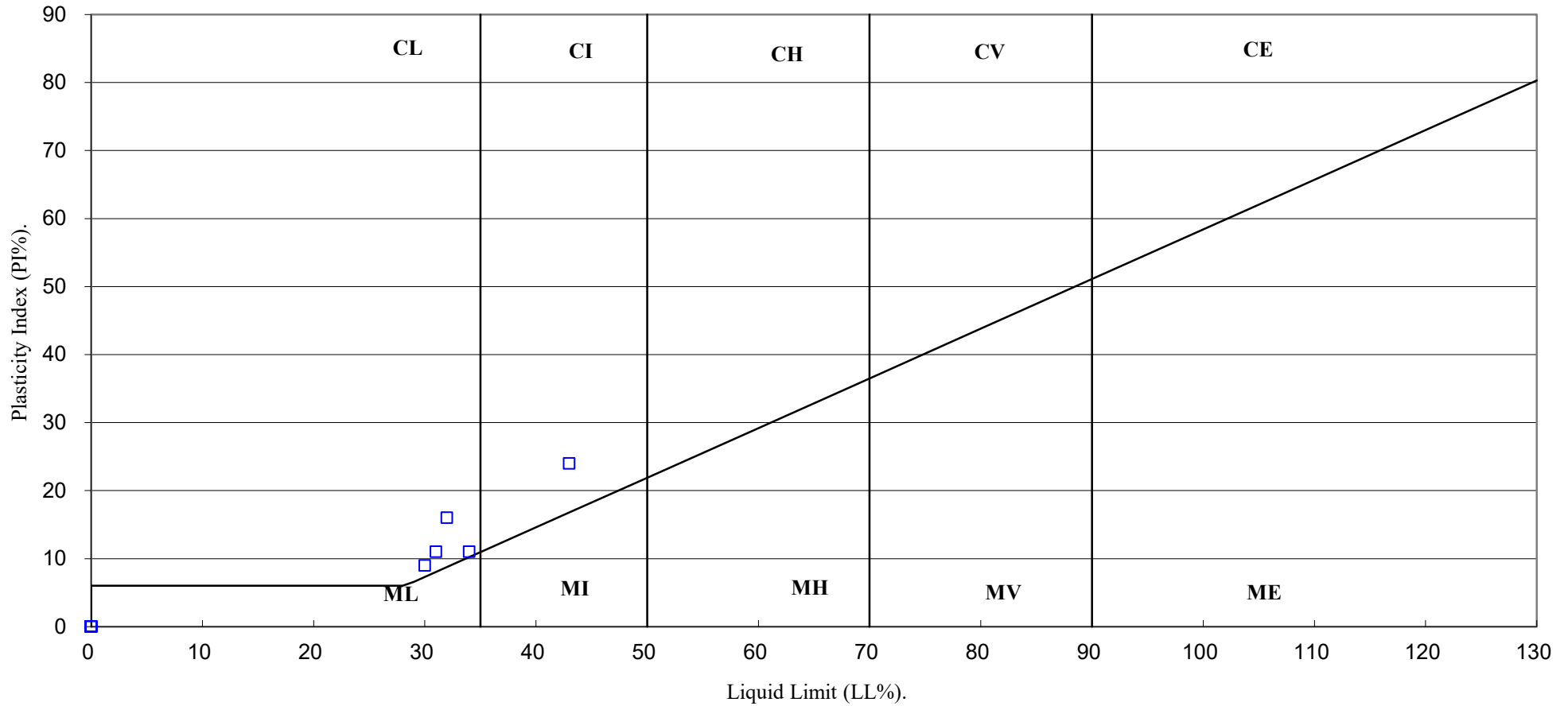
Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % Clause 3.2	Linear Shrinkage % Clause 6.5	Particle Density Mg/m ³ Clause 8.2	Liquid Limit % Clause 4.3/4	Plastic Limit % Clause 5.3	Plasticity Index % Clause 5.4	Passing .425mm %	Remarks
WS19		D	1.20		13			43	19	24	92	Intermediate plasticity CI.
WS19		D	2.00		17			32	16	16	85	Low plasticity CL.
WS19		D	3.00		23			30	21	9	91	Low plasticity CL.
WS19		D	4.00		20			31	20	11	87	Low plasticity CL.
WS29	2	D	2.50		21			34	23	11	96	Low plasticity CL.

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.

		HE Compton, West Berkshire	Contract No:
			PSL19/0980
			Client Ref:
			A090070-474

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



4043

PSL
Professional Soils Laboratory

HE Compton, West Berkshire

Contract No:

PSL19/0980

Client Ref:

A090070-474

PARTICLE SIZE DISTRIBUTION TEST

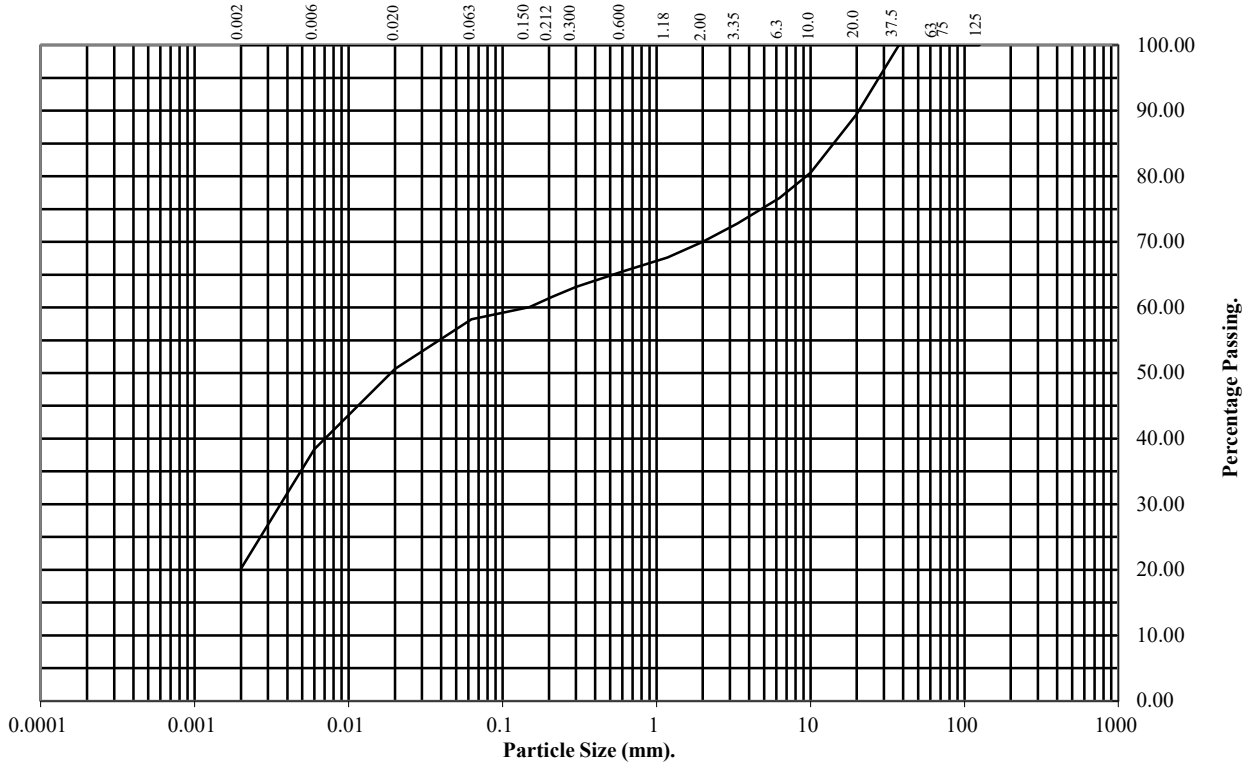
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS19** Top Depth (m): **3.30**

Sample Number: Base Depth(m): **4.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	89
10	81
6.3	77
3.35	73
2	70
1.18	68
0.6	65
0.3	63
0.212	62
0.15	60
0.063	58

Particle Diameter	Percentage Passing
0.02	51
0.006	38
0.002	20

Soil Fraction	Total Percentage
Cobbles	0
Gravel	30
Sand	12
Silt	38
Clay	20

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/0980
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

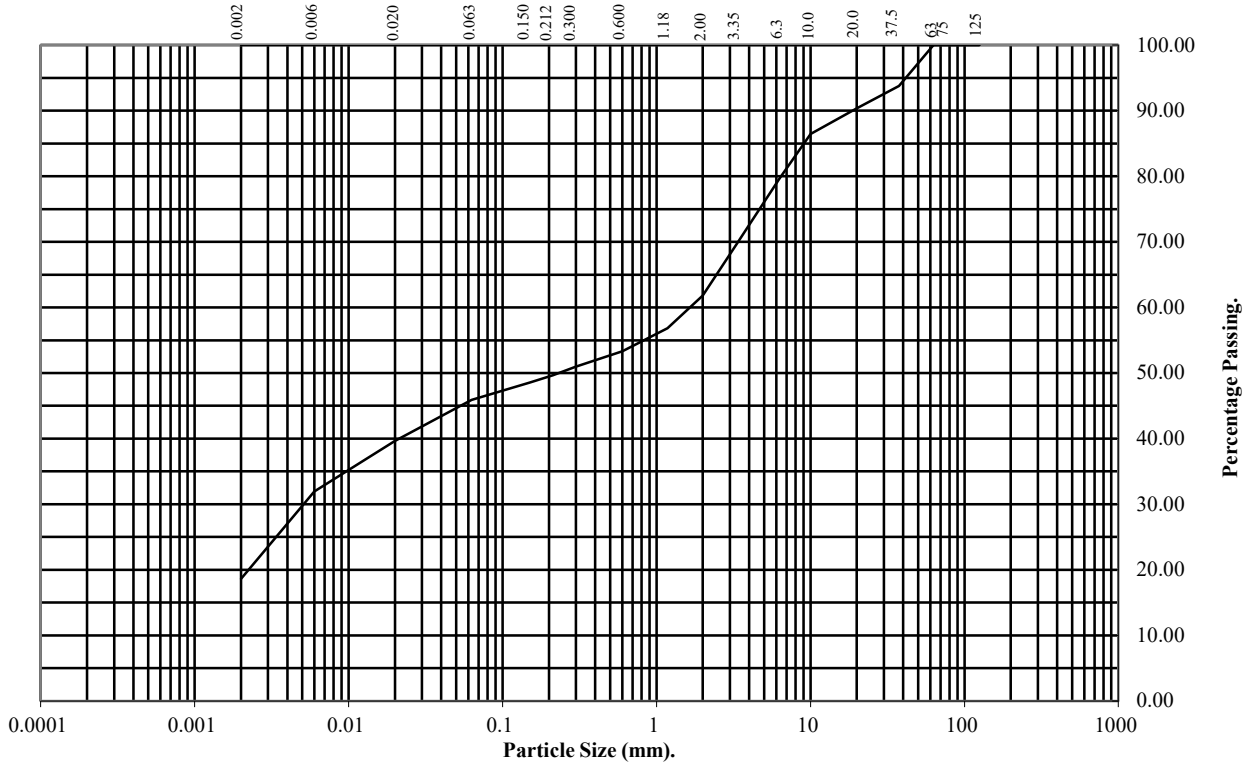
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS22** **Top Depth (m):** **1.00**

Sample Number: **3** **Base Depth(m):** **1.20**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	94
20	90
10	86
6.3	80
3.35	70
2	62
1.18	57
0.6	53
0.3	51
0.212	50
0.15	49
0.063	46

Particle Diameter	Percentage Passing
0.02	40
0.006	32
0.002	19

Soil Fraction	Total Percentage
Cobbles	0
Gravel	38
Sand	16
Silt	27
Clay	19

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/0980
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

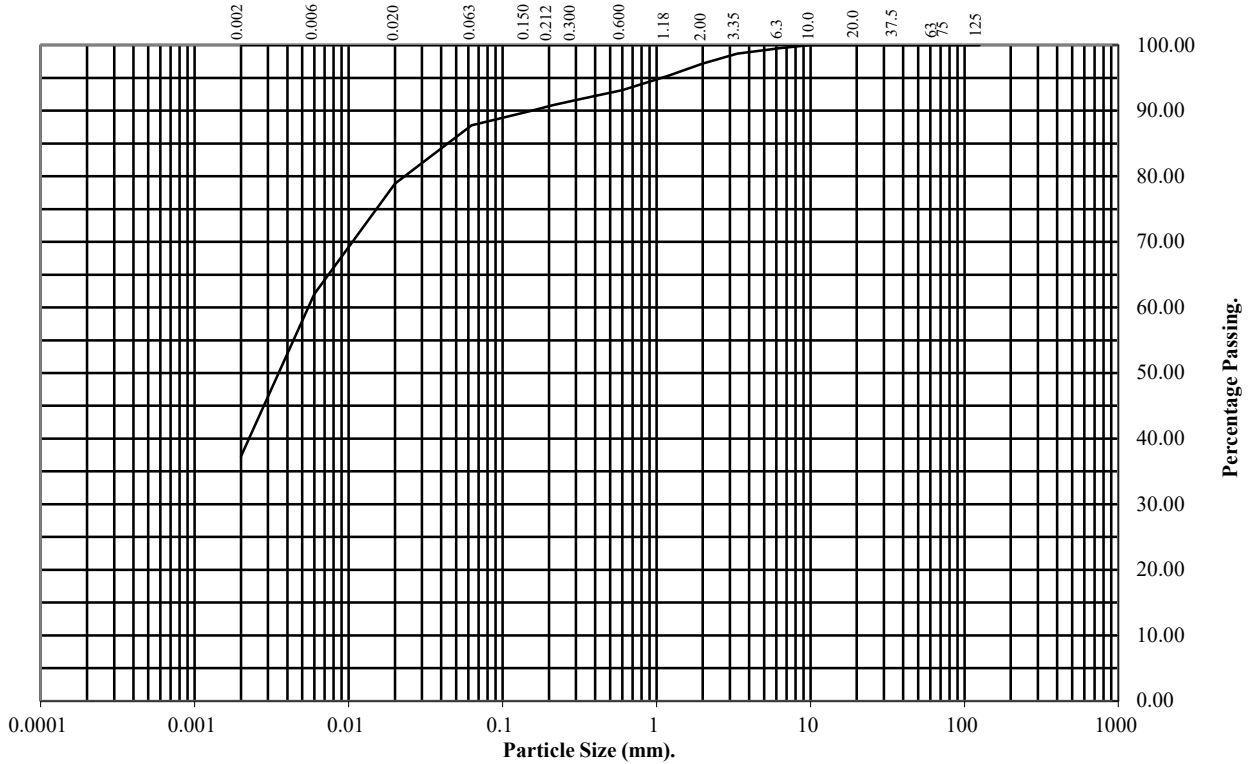
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS29** **Top Depth (m):** **1.50**

Sample Number: **3** **Base Depth(m):** **2.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	99
2	97
1.18	95
0.6	93
0.3	92
0.212	91
0.15	90
0.063	88

Particle Diameter	Percentage Passing
0.02	79
0.006	62
0.002	37

Soil Fraction	Total Percentage
Cobbles	0
Gravel	3
Sand	9
Silt	51
Clay	37

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/0980
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

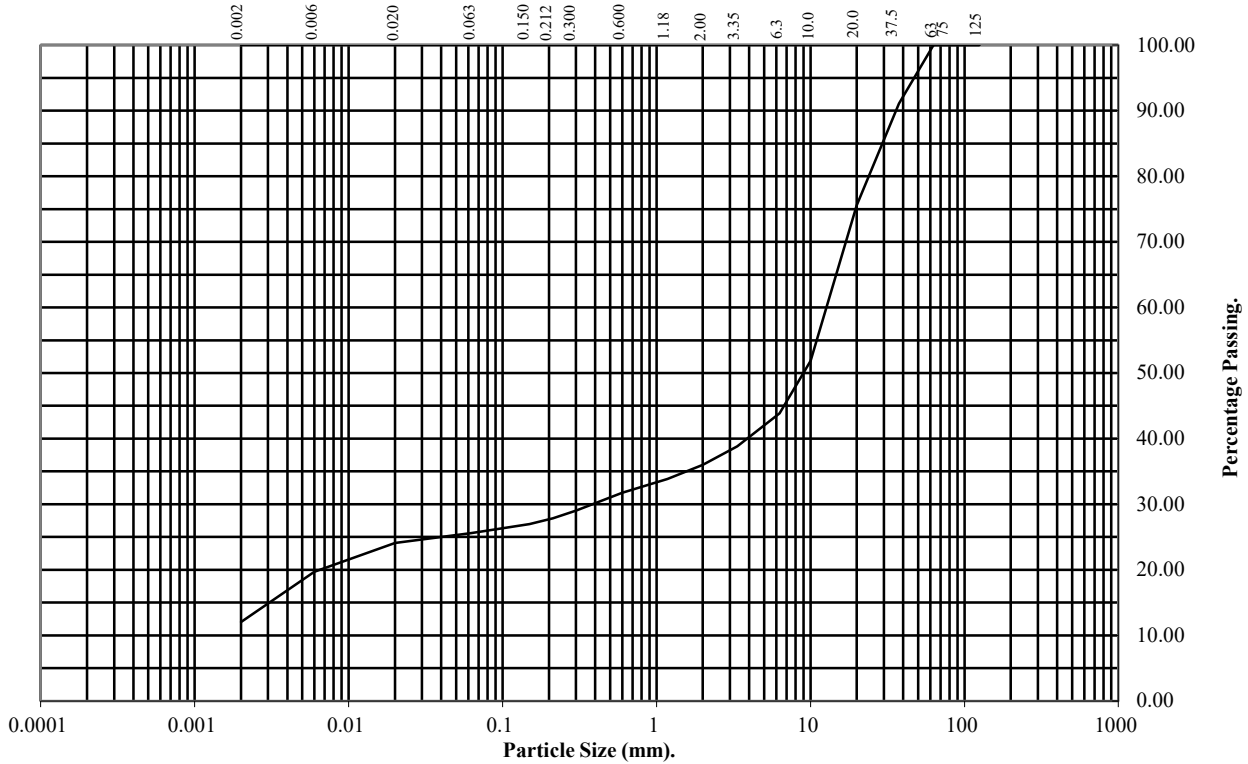
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS38** **Top Depth (m):** **0.80**

Sample Number: **3** **Base Depth(m):** **1.00**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	91
20	76
10	52
6.3	44
3.35	39
2	36
1.18	34
0.6	32
0.3	29
0.212	28
0.15	27
0.063	26

Particle Diameter	Percentage Passing
0.02	24
0.006	20
0.002	12

Soil Fraction	Total Percentage
Cobbles	0
Gravel	64
Sand	10
Silt	14
Clay	12

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/0980
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

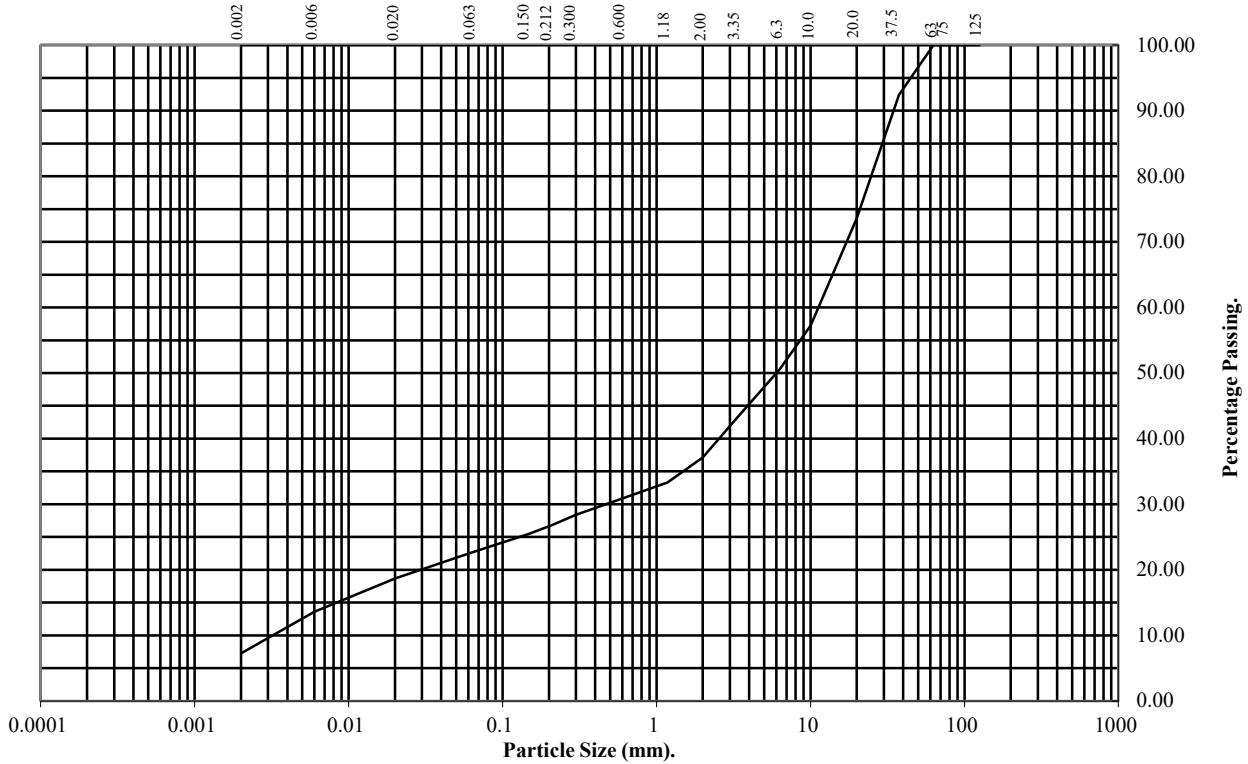
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS39** Top Depth (m): **0.90**

Sample Number: **3** Base Depth(m): **1.20**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	92
20	74
10	57
6.3	51
3.35	43
2	37
1.18	33
0.6	31
0.3	28
0.212	27
0.15	25
0.063	23

Particle Diameter	Percentage Passing
0.02	19
0.006	14
0.002	7

Soil Fraction	Total Percentage
Cobbles	0
Gravel	63
Sand	14
Silt	16
Clay	7

Remarks:
See Summary of Soil Descriptions



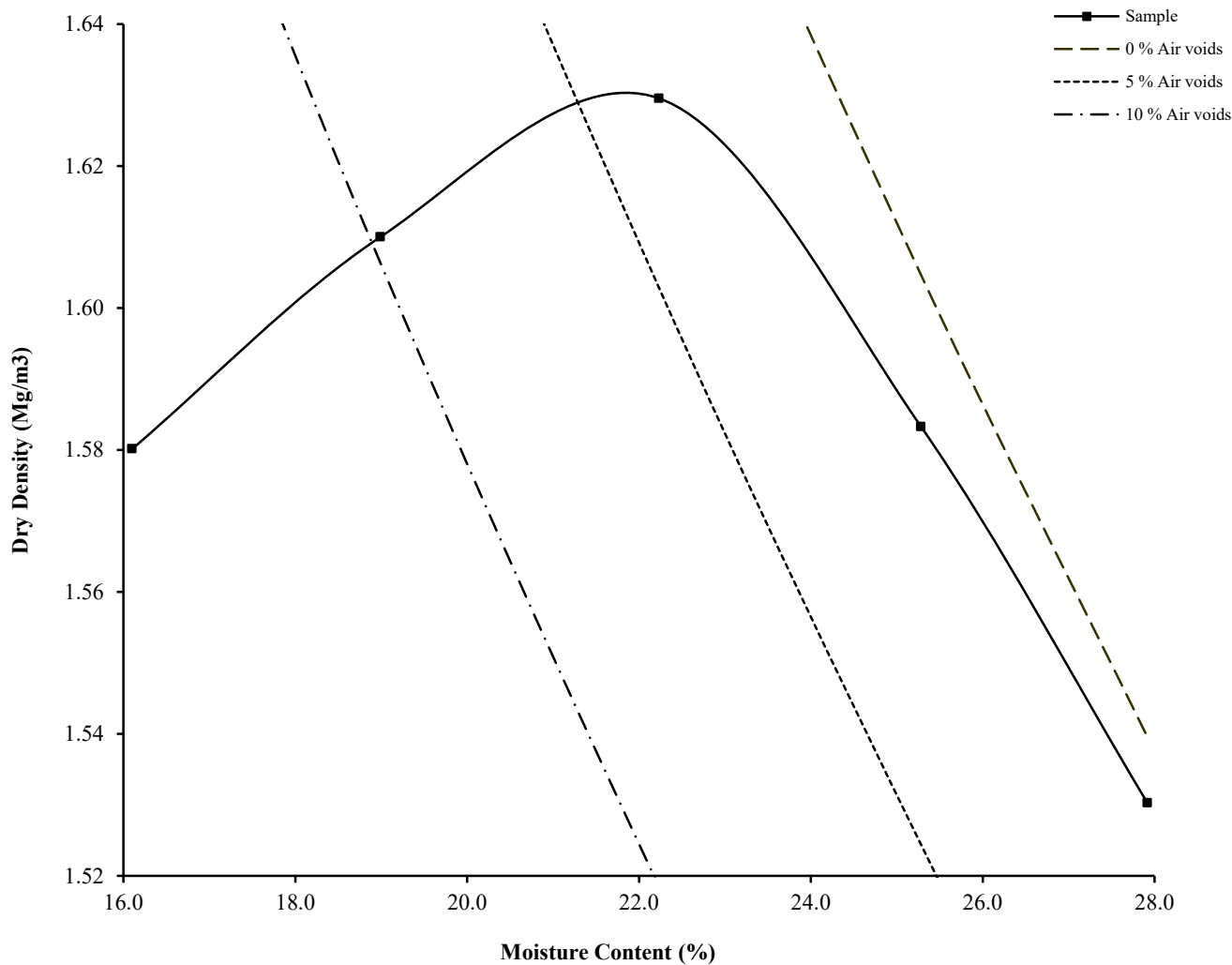
HE Compton, West Berkshire

Contract No:
PSL19/0980
Client Ref:
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

Hole Number: **WS29** Top Depth (m) : **1.00**
 Sample Number: **2** Base Depth (m) : **1.20**
 Sample Type: **B**



Initial Moisture Content:	22	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.70	Assumed	Material Retained on 37.5 mm Test Sieve (%):	4
Maximum Dry Density (Mg/m ³):	1.63	Material Retained on 20.0 mm Test Sieve (%):	3	
Optimum Moisture Content (%):	22			
Remarks				
See summary of soil descriptions.				



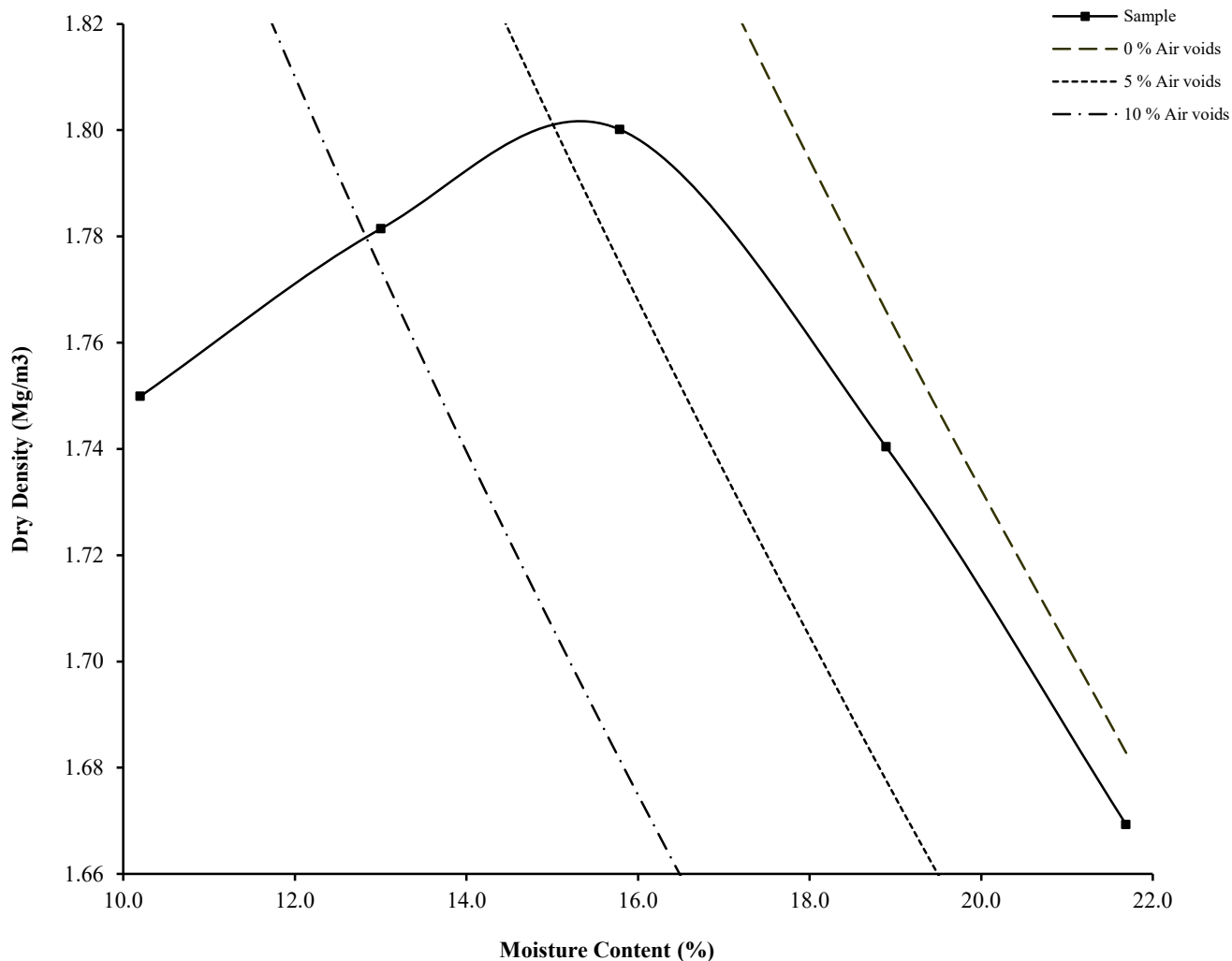
HE Compton, West Berkshire

Contract
PSL19/0980
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

Hole Number: **WS35** Top Depth (m) : **1.00**
 Sample Number: **2** Base Depth (m) : **1.20**
 Sample Type: **B**



Initial Moisture Content:	16	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	8
Maximum Dry Density (Mg/m ³):	1.80		Material Retained on 20.0 mm Test Sieve (%):	11
Optimum Moisture Content (%):	16			
Remarks				
See summary of soil descriptions.				



HE Compton, West Berkshire

Contract
PSL19/0980
Client Ref
A090070-474



DETS

Certificate of Analysis

Certificate Number 19-02920

22-Feb-19

Client Professional Soils Laboratory Ltd
5/7 Hexthorpe Road
Hexthorpe
DN4 0AR

Our Reference 19-02920

Client Reference PSL19/0980

Order No (not supplied)

Contract Title HE Compton Compton, West Berkshire

Description One Soil sample.

Date Received 15-Feb-19

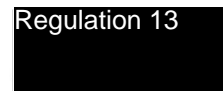
Date Started 15-Feb-19

Date Completed 22-Feb-19

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By Regulation 13



Regulation 13
Contracts Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 19-02920

Client Ref PSL19/0980

Contract Title HE Compton Compton, West Berkshire

Lab No	1461067
Sample ID	WS35
Depth	1.30-1.60
Other ID	1
Sample Type	D
Sampling Date	21/01/19
Sampling Time	n/s

Test	Method	LOD	Units	
Inorganics				
pH	DETSC 2008#			8.6
Sulphate Aqueous Extract as SO4	DETSC 2076#	10	mg/l	11

Information in Support of the Analytical Results

Our Ref 19-02920
 Client Ref PSL19/0980
 Contract HE Compton Compton, West Berkshire

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1461066	WS19 1.20 SOIL	16/01/19	PT 500ml	pH + Conductivity (7 days)	
1461067	WS35 1.30-1.60 SOIL	21/01/19	PT 1L	pH + Conductivity (7 days)	

Key: P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months



LABORATORY REPORT



4043

Contract Number: PSL19/1792

Report Date: 25 April 2019

Client's Reference: A090070-474

Client Name: WYG London
11th Floor
1 Angel Court
London
EC2R 7HJ

For the attention of: Regulation 13

Contract Title: HE Compton , West Berkshire

Date Received: 20/3/2019

Date Commenced: 20/3/2019

Date Completed: 24/4/2019

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

Regulation 13
(Director)

Regulation 13
(Director)

Regulation 13
(Quality Manager)

Regulation 13

Regulation 13
(Senior Technician)

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(Senior Technician)

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5 – 7 Hexthorpe Road, Hexthorpe,

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Page 1 of

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
BH03		D	4.00		White structureless CHALK.
WS02		D	2.00		White structureless CHALK.
WS03		B	0.40		White gravelly structureless CHALK.
WS03		B	1.40		White structureless CHALK.
WS03		D	1.20		White structureless CHALK.
WS10		D	1.20		White structureless CHALK.
WS11		B	4.00		White structureless CHALK.
WS11		D	1.00		White structureless CHALK.
WS11		D	5.00		White structureless CHALK.
WS18		B	1.00		White very gravelly structureless CHALK.
WS18		D	1.00		White slightly gravelly structureless CHALK.
WS18		D	3.00		White CHALK.
WS20		D	1.65		Brown gravelly sandy CLAY.
WS28		B	0.80		Brown very gravelly sandy CLAY
WS28		D	0.30		Brown gravelly very sandy CLAY.
WS28		D	2.00		White structureless CHALK.
WS30		B	0.50		White gravelly structureless CHALK.
WS30		B	1.50		White slightly sandy very clayey GRAVEL.
WS30		D	1.20		White slightly gravelly structureless CHALK.



4043

PSL

Professional Soils Laboratory

HE Compton, West Berkshire

Contract No:

PSL19/1792

Client Ref:

A090070-474

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS30		D	3.00		White structureless CHALK.
WS30		D	4.70		White structureless CHALK.
WS32		D	1.20		Light brown & white slightly gravelly structureless CHALK.
WS32		D	2.00		White CHALK.
WS34		B	1.20		White slightly sandy very clayey very silty GRAVEL.
WS34		D	0.50		Brown gravelly sandy CLAY.
WS36		D	1.80		White structureless CHALK.
WS37		B	1.20		White slightly sandy clayey silty GRAVEL.
WS40		D	1.20		Brown GRAVEL of chalk & flint.
WS40		D	2.70		Brown GRAVEL of chalk & flint.
WS42		B	1.25		Off white very gravelly structureless CHALK.
WS42		B	2.00		Off white very gravelly slightly sandy very silty CLAY.
WS42		D	3.00		White structureless CHALK.
WS45		B	1.30		Light brown slightly sandy clayey silty GRAVEL.
WS46		B	0.70		Brown very gravelly very sandy CLAY.
WS46		B	1.50		Light brown sandy clayey silty GRAVEL.
WS52		D	1.20		Brown & white slightly gravelly structureless CHALK.
WS53		B	1.00		Light brown very gravelly sandy very silty CLAY.
WS53		D	1.85		White structureless CHALK.



4043

PSL

Professional Soils Laboratory

HE Compton, West Berkshire

Contract No:

PSL19/1792

Client Ref:

A090070-474

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Description of Sample
WS54		D	1.20		White structureless CHALK.
WS55		D	4.00		White structureless CHALK.
WS56A		D	1.00		White structureless CHALK.
WS56A		D	2.00		White structureless CHALK.
WS57		B	0.50		Light brown gravelly structureless CHALK.
WS57		D	1.20		White structureless CHALK.

 4043		HE Compton, West Berkshire	Contract No: PSL19/1792 Client Ref: A090070-474
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SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % Clause 3.2	Linear Shrinkage % Clause 6.5	Particle Density Mg/m ³ Clause 8.2	Liquid Limit % Clause 4.3/4	Plastic Limit % Clause 5.3	Plasticity Index % Clause 5.4	Passing .425mm %	Remarks
BH03		D	4.00		19			32	21	11	100	Low plasticity CL.
WS02		D	2.00		21			31	22	9	100	Low plasticity CL.
WS03		D	1.20		23			35	23	12	100	Intermediate plasticity CI.
WS10		D	1.20		22			34	22	12	100	Low plasticity CL.
WS11		D	1.00		25			32	22	10	100	Low plasticity CL.
WS11		D	5.00		20			34	21	13	100	Low plasticity CL.
WS18		D	1.00		22			35	23	12	93	Intermediate plasticity CI.
WS18		D	3.00		26			35	24	11	100	Intermediate plasticity CI.
WS20		D	1.65		14			43	20	23	87	Intermediate plasticity CI.
WS28		D	0.30		9.3			31	15	16	84	Low plasticity CL.
WS28		D	2.00		23			36	23	13	100	Intermediate plasticity CI.
WS30		D	1.20		22			37	22	15	97	Intermediate plasticity CI.
WS30		D	3.00		22			31	20	11	100	Low plasticity CL.
WS30		D	4.70		15			29	17	12	100	Low plasticity CL.
WS32		D	1.20		10			30	17	13	94	Low plasticity CL.
WS32		D	2.00		8.8				NP			
WS34		D	0.50		20			39	19	20	82	Intermediate plasticity CI.
WS36		D	1.80		14			33	20	13	100	Low plasticity CL.
WS40		D	1.20		14				NP			

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.



PSL
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HE Compton, West Berkshire

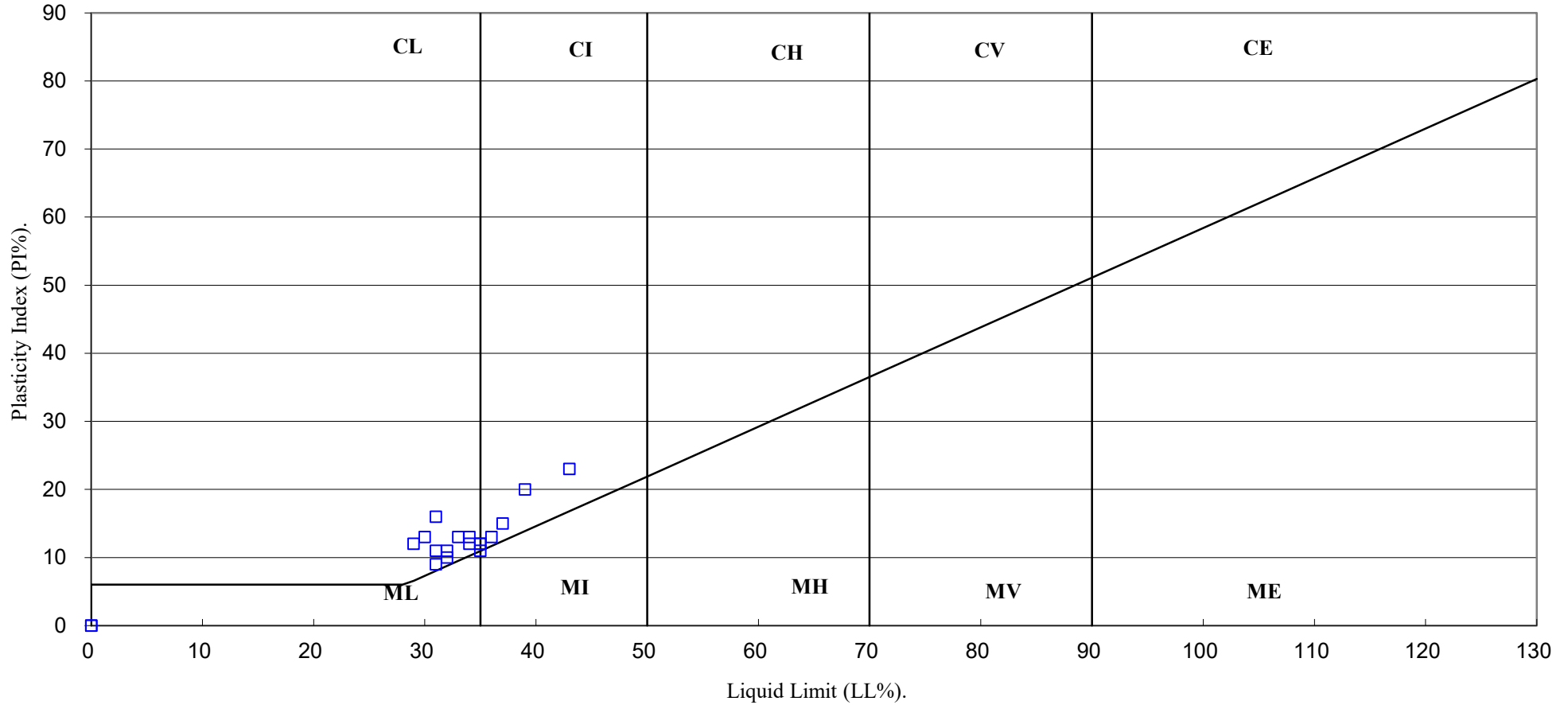
Contract No:

PSL19/1792

Client Ref:

A090070-474

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



4043

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Contract No:

PSL19/1792

Client Ref:

A090070-474

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % <small>Clause 3.2</small>	Linear Shrinkage % <small>Clause 6.5</small>	Particle Density Mg/m ³ <small>Clause 8.2</small>	Liquid Limit % <small>Clause 4.3/4</small>	Plastic Limit % <small>Clause 5.3</small>	Plasticity Index % <small>Clause 5.4</small>	Passing .425mm %	Remarks
WS40		D	2.70		7.6				NP			
WS42		D	3.00		24		31	21	10	100		Low plasticity CL.
WS52		D	1.20		14		29	18	11	91		Low plasticity CL.
WS53		D	1.85		15		27	17	10	100		Low plasticity CL.
WS54		D	1.20		22		32	21	11	100		Low plasticity CL.
WS55		D	4.00		19		28	20	8	100		Low plasticity CL.
WS56A		D	1.00		23		32	20	12	100		Low plasticity CL.
WS56A		D	2.00		28		34	22	12	100		Low plasticity CL.
WS57		D	1.20		15		30	18	12	100		Low plasticity CL.

SYMBOLS : NP : Non Plastic

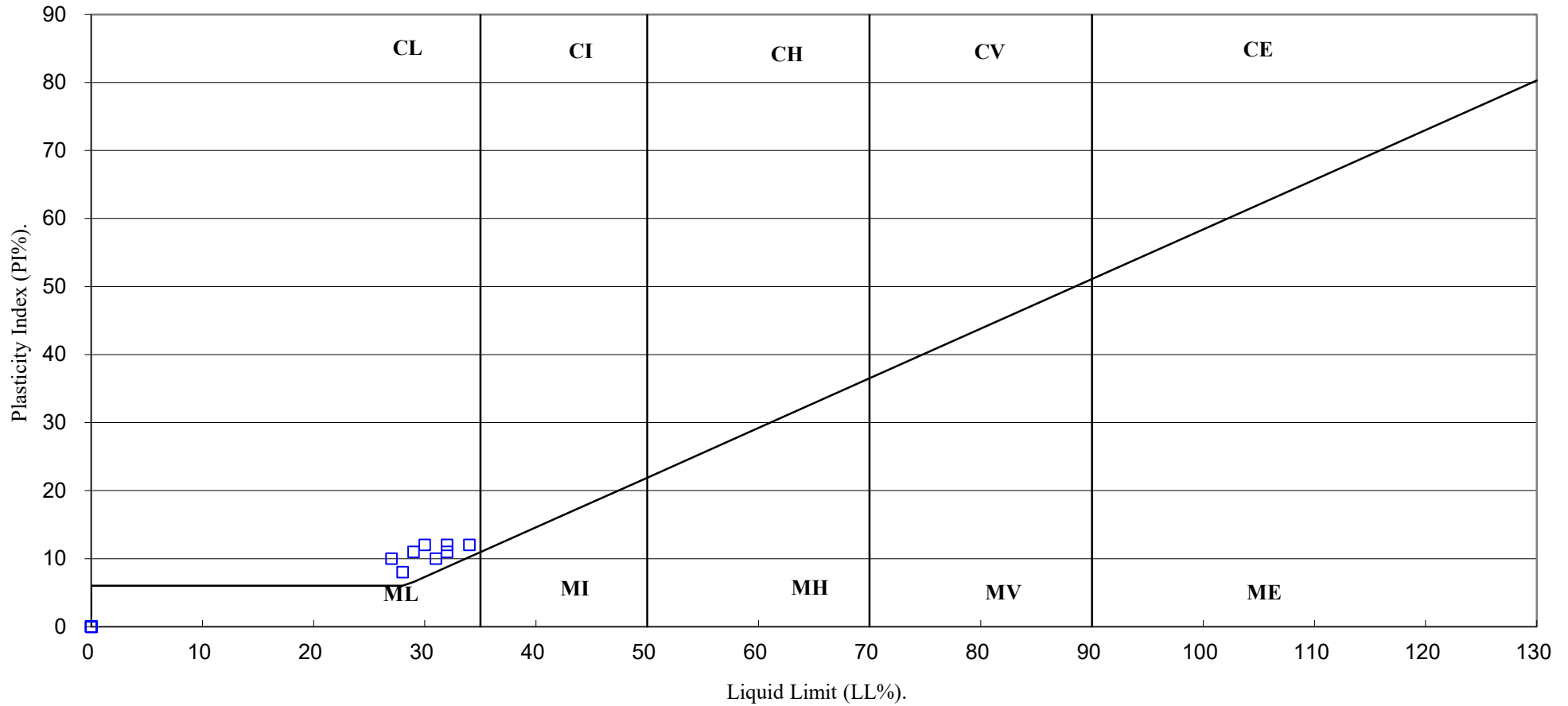
* : Liquid Limit and Plastic Limit Wet Sieved.



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



4043

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HE Compton, West Berkshire

Contract No:

PSL19/1792

Client Ref:

A090070-474

PARTICLE SIZE DISTRIBUTION TEST

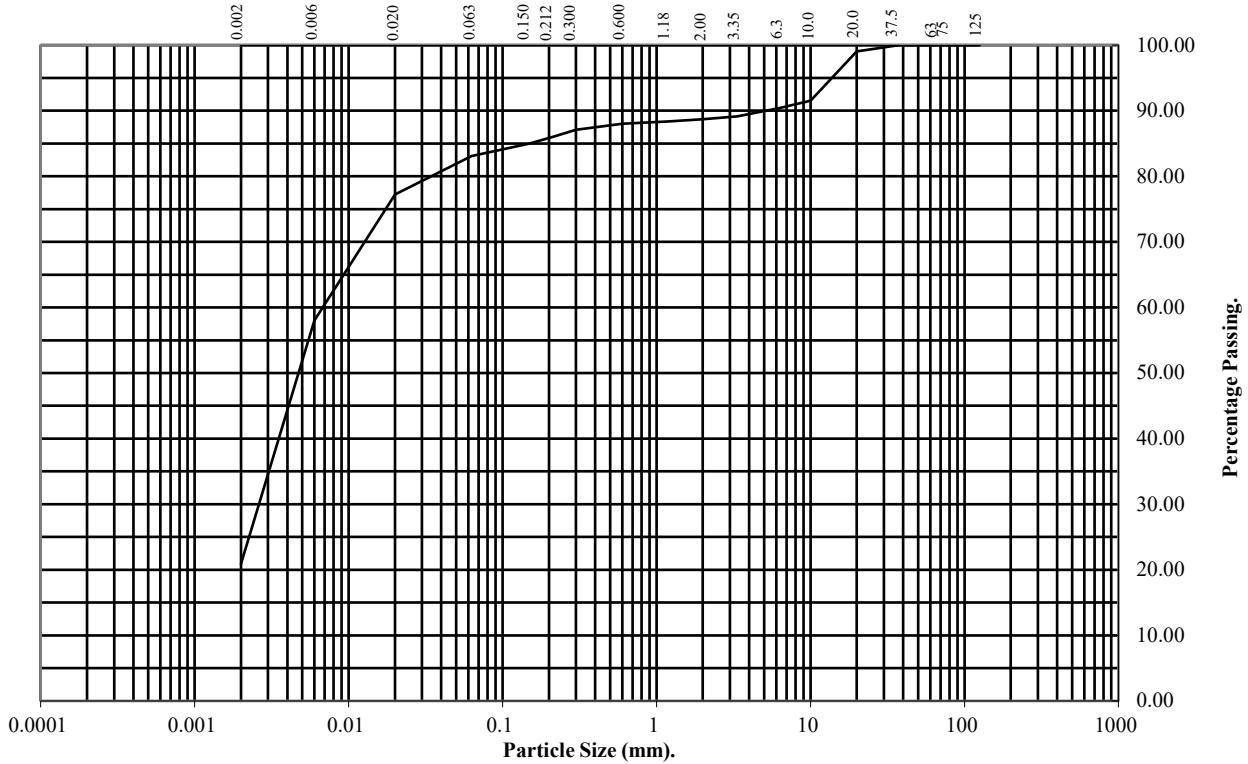
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS03** Top Depth (m): **1.40**

Sample Number: Base Depth(m):

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	99
10	92
6.3	90
3.35	89
2	89
1.18	88
0.6	88
0.3	87
0.212	86
0.15	85
0.063	83

Particle Diameter	Percentage Passing
0.02	77
0.006	58
0.002	21

Soil Fraction	Total Percentage
Cobbles	0
Gravel	11
Sand	6
Silt	62
Clay	21

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

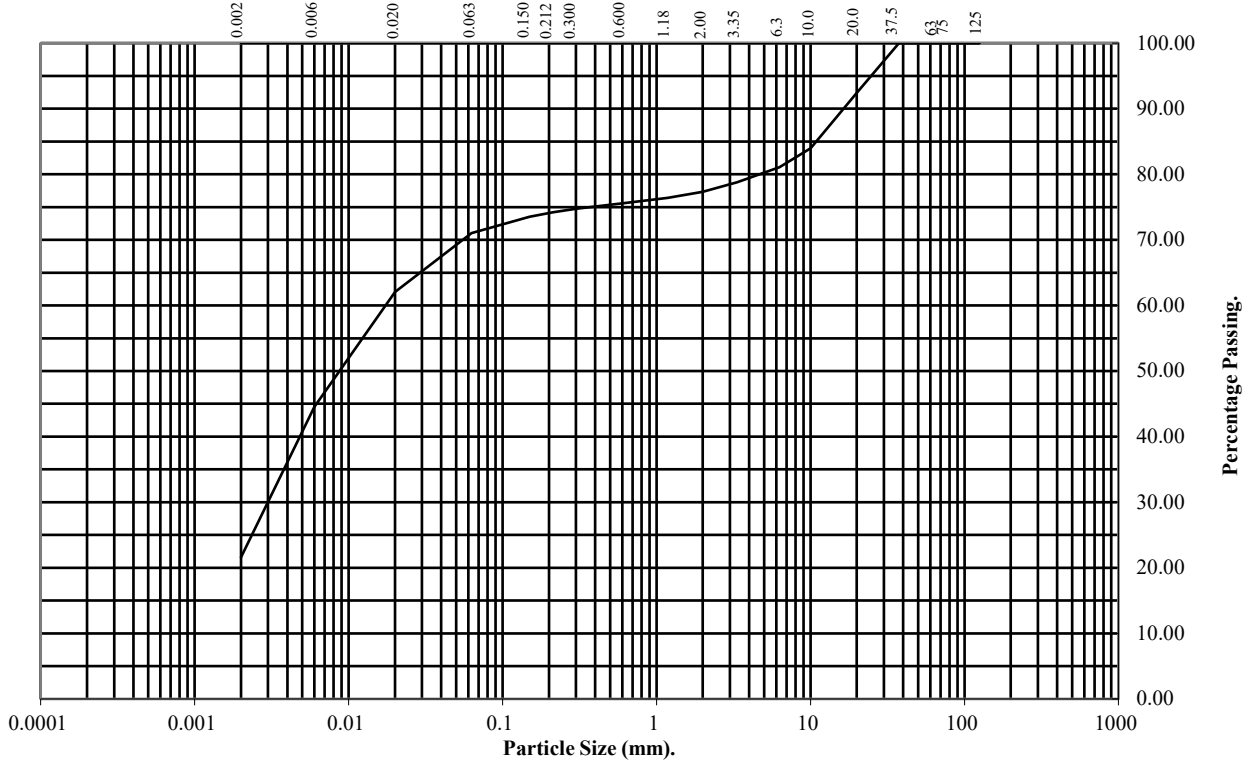
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS11** Top Depth (m): **4.00**

Sample Number: Base Depth(m):

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	92
10	84
6.3	81
3.35	79
2	77
1.18	76
0.6	76
0.3	75
0.212	74
0.15	74
0.063	71

Particle Diameter	Percentage Passing
0.02	62
0.006	45
0.002	22

Soil Fraction	Total Percentage
Cobbles	0
Gravel	23
Sand	6
Silt	49
Clay	22

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

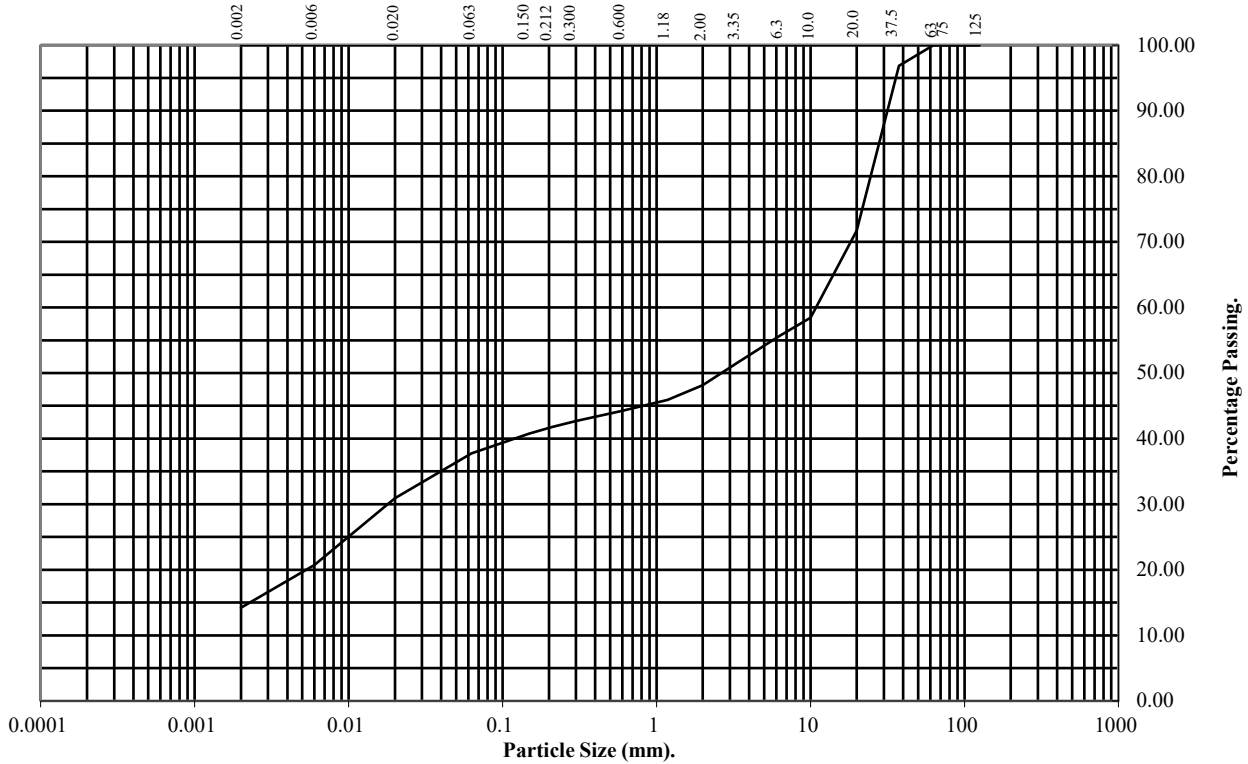
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS28** Top Depth (m): **0.80**

Sample Number: Base Depth(m):

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	97
20	72
10	58
6.3	56
3.35	52
2	48
1.18	46
0.6	44
0.3	43
0.212	42
0.15	41
0.063	38

Particle Diameter	Percentage Passing
0.02	31
0.006	21
0.002	14

Soil Fraction	Total Percentage
Cobbles	0
Gravel	52
Sand	10
Silt	24
Clay	14

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

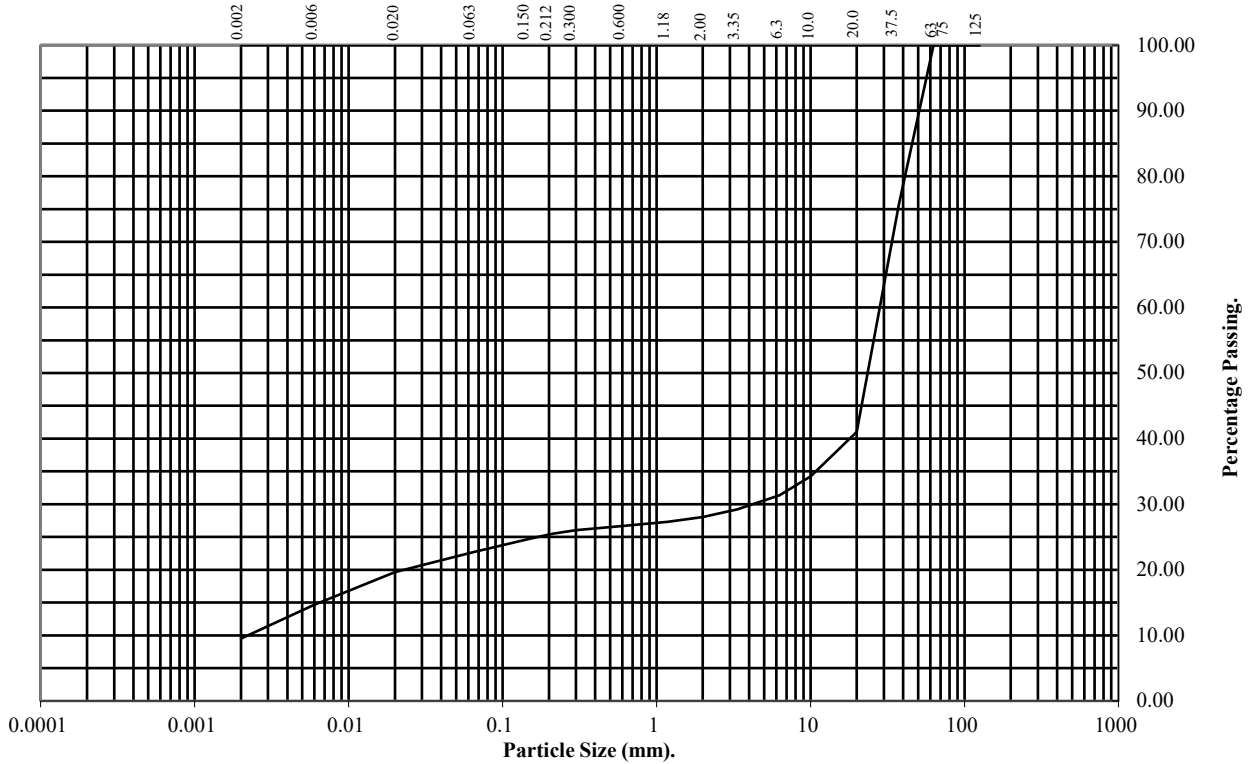
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS30** **Top Depth (m):** **1.50**

Sample Number: **Base Depth(m):**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	76
20	41
10	34
6.3	31
3.35	29
2	28
1.18	27
0.6	27
0.3	26
0.212	26
0.15	25
0.063	23

Particle Diameter	Percentage Passing
0.02	20
0.006	15
0.002	10

Soil Fraction	Total Percentage
Cobbles	0
Gravel	72
Sand	5
Silt	13
Clay	10

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

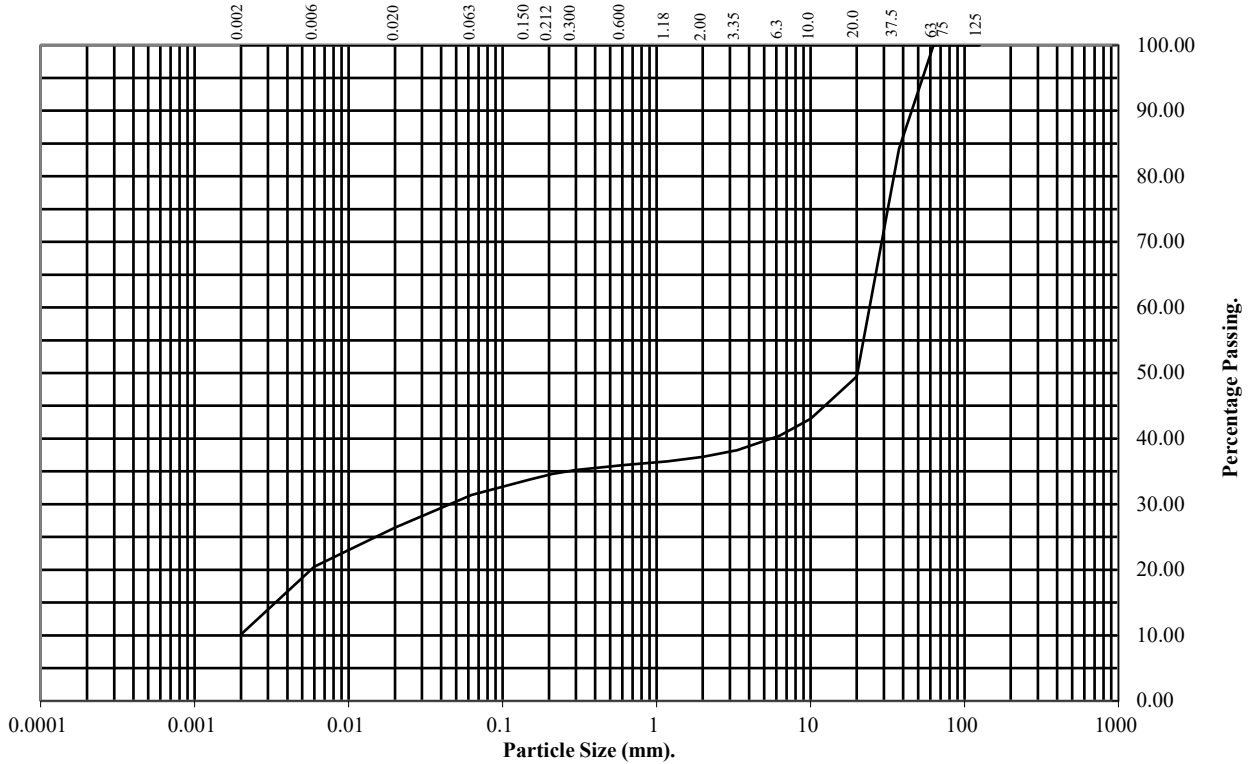
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS34** **Top Depth (m):** **1.20**

Sample Number: **Base Depth(m):**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	84
20	49
10	43
6.3	40
3.35	38
2	37
1.18	37
0.6	36
0.3	35
0.212	35
0.15	34
0.063	31

Particle Diameter	Percentage Passing
0.02	26
0.006	20
0.002	10

Soil Fraction	Total Percentage
Cobbles	0
Gravel	63
Sand	6
Silt	21
Clay	10

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

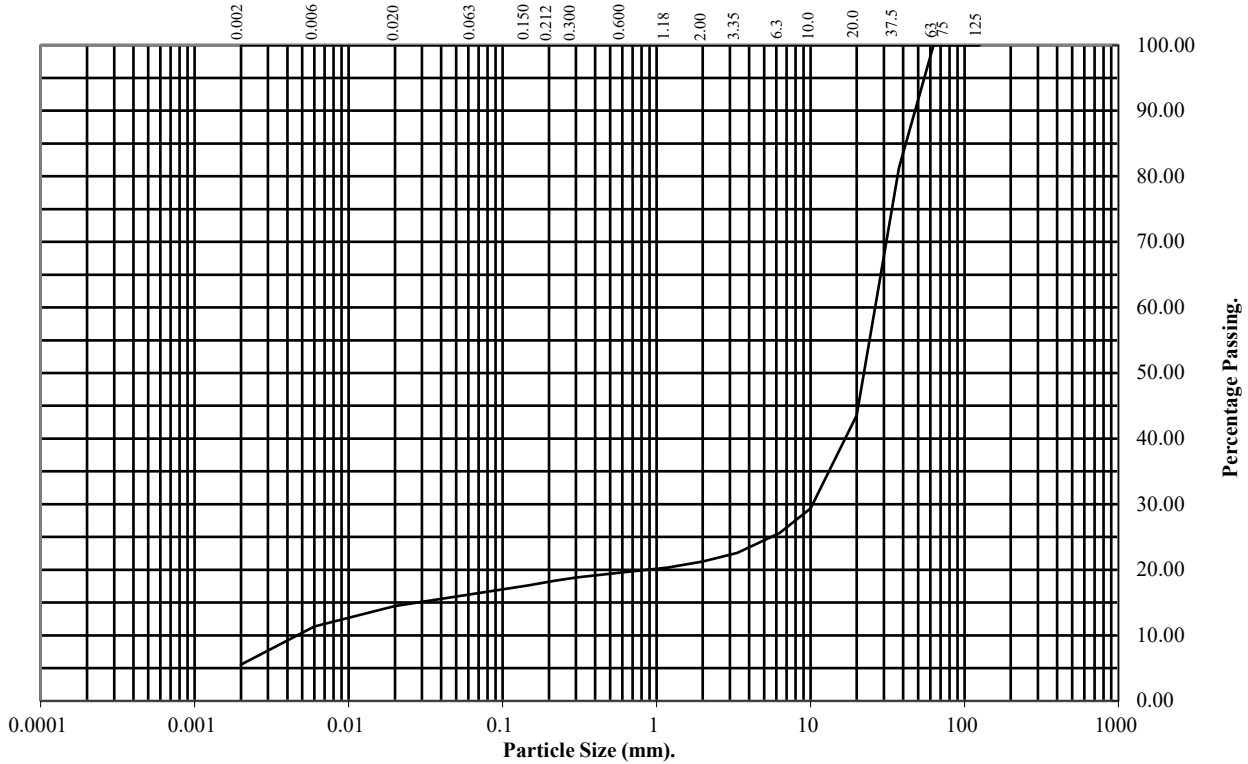
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS37** Top Depth (m): **1.20**

Sample Number: Base Depth(m):

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	81
20	44
10	29
6.3	26
3.35	23
2	21
1.18	20
0.6	20
0.3	19
0.212	18
0.15	18
0.063	16

Particle Diameter	Percentage Passing
0.02	14
0.006	11
0.002	6

Soil Fraction	Total Percentage
Cobbles	0
Gravel	79
Sand	5
Silt	10
Clay	6

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

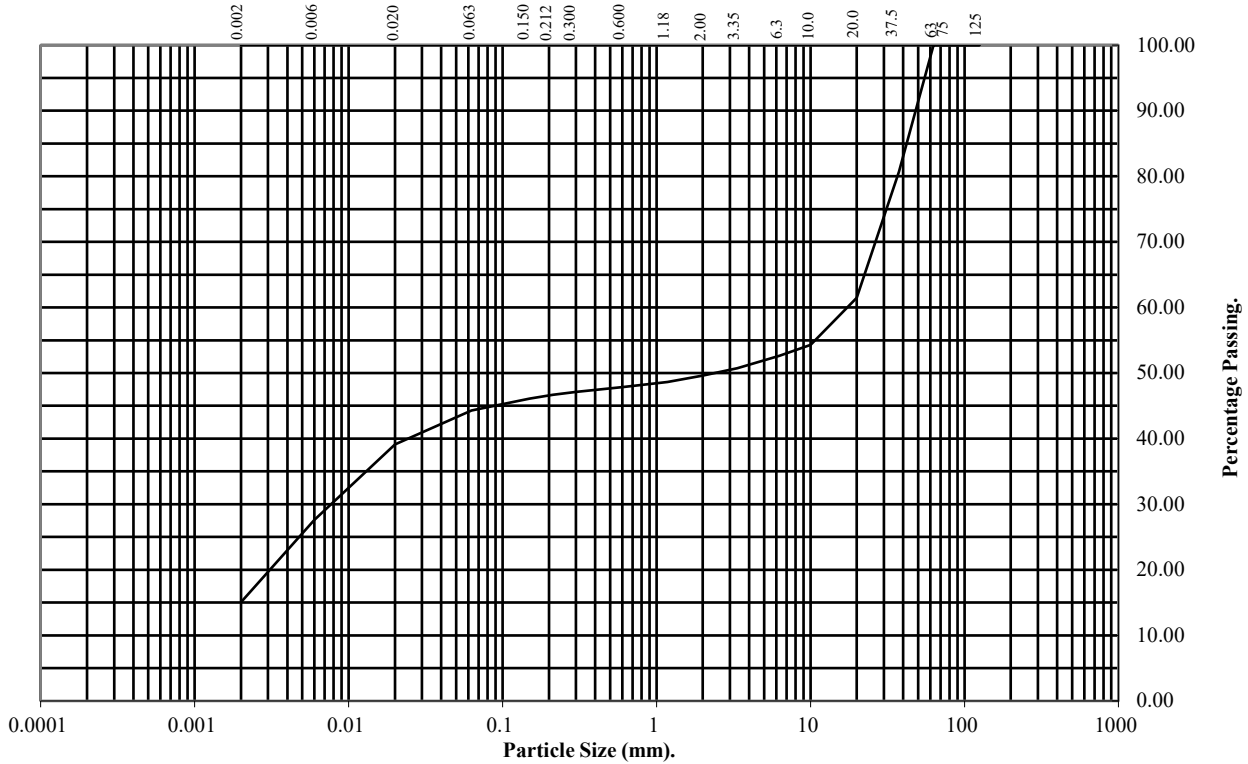
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS42** **Top Depth (m):** **2.00**

Sample Number: **Base Depth(m):**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	81
20	61
10	54
6.3	53
3.35	51
2	50
1.18	49
0.6	48
0.3	47
0.212	47
0.15	46
0.063	44

Particle Diameter	Percentage Passing
0.02	39
0.006	28
0.002	15

Soil Fraction	Total Percentage
Cobbles	0
Gravel	50
Sand	6
Silt	29
Clay	15

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

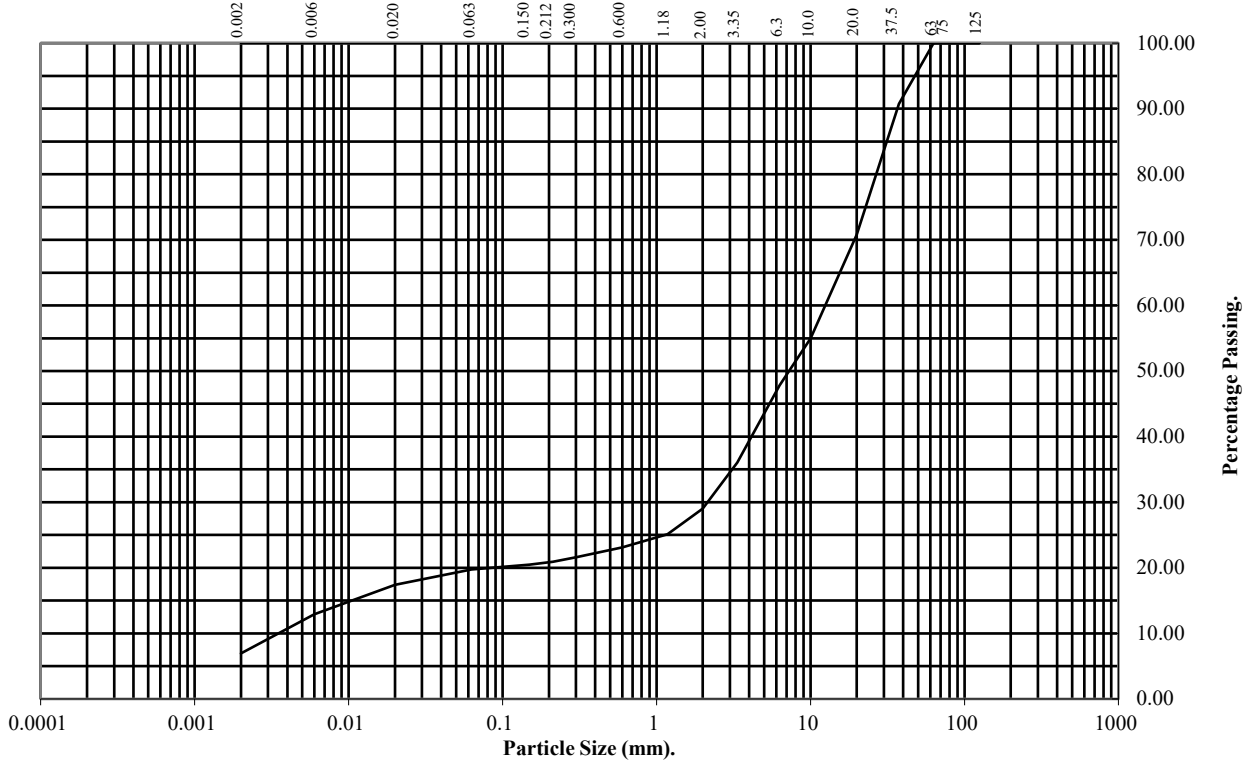
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS45** **Top Depth (m):** **1.30**

Sample Number: **Base Depth(m):**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	91
20	71
10	55
6.3	48
3.35	36
2	29
1.18	25
0.6	23
0.3	22
0.212	21
0.15	20
0.063	20

Particle Diameter	Percentage Passing
0.02	17
0.006	13
0.002	7

Soil Fraction	Total Percentage
Cobbles	0
Gravel	71
Sand	9
Silt	13
Clay	7

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

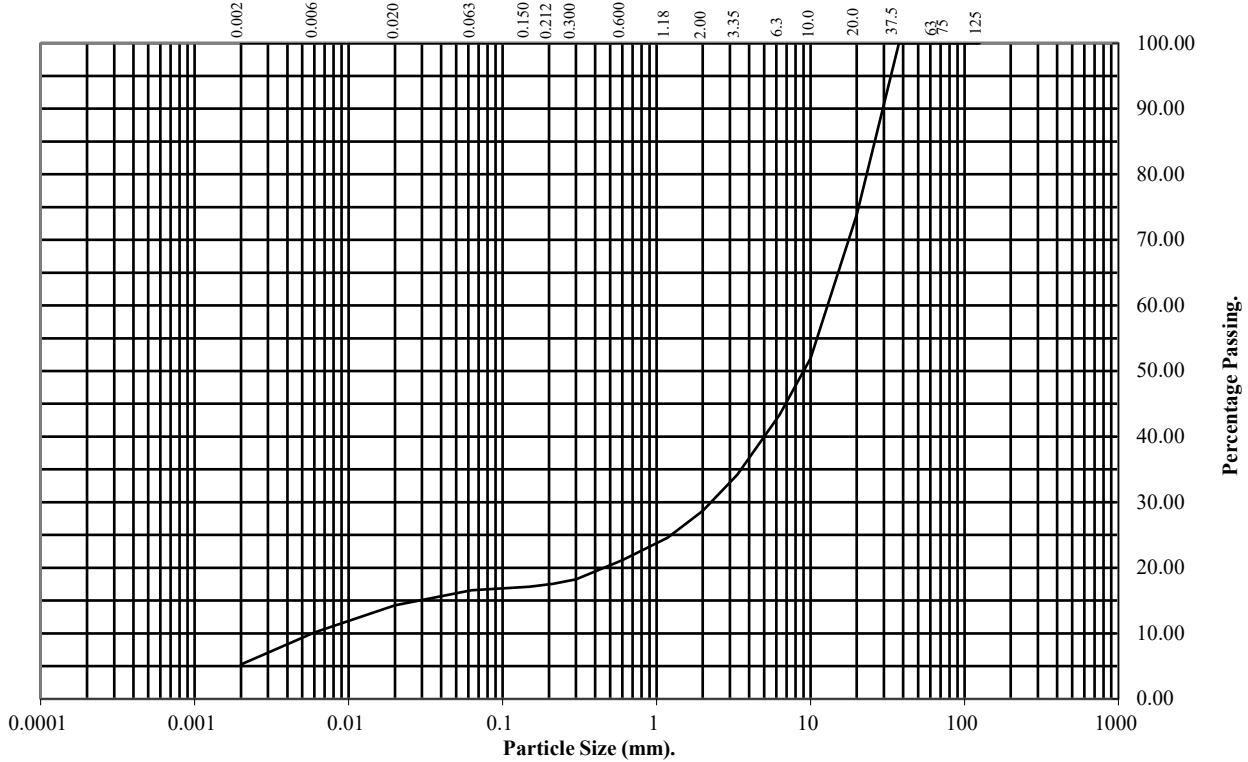
PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990
Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS46** **Top Depth (m):** **1.50**

Sample Number: **Base Depth(m):**

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	74
10	52
6.3	43
3.35	34
2	29
1.18	25
0.6	21
0.3	18
0.212	18
0.15	17
0.063	17

Particle Diameter	Percentage Passing
0.02	14
0.006	10
0.002	5

Soil Fraction	Total Percentage
Cobbles	0
Gravel	71
Sand	12
Silt	12
Clay	5

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

PARTICLE SIZE DISTRIBUTION TEST

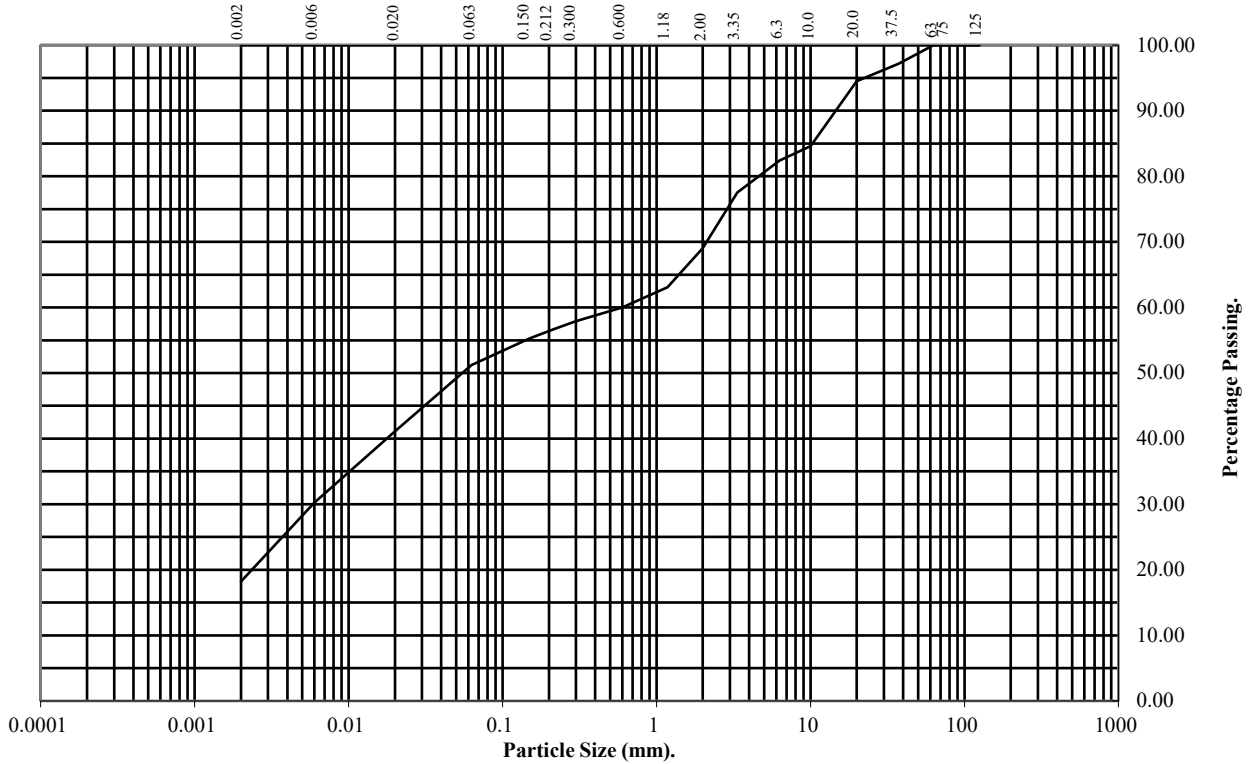
BS1377 : Part 2 : 1990

Wet Sieve & Pipette Analysis, Clause 9.2 & 9.4

Hole Number: **WS53** Top Depth (m): **1.00**

Sample Number: Base Depth(m):

Sample Type: **B**



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	97
20	95
10	85
6.3	82
3.35	78
2	69
1.18	63
0.6	60
0.3	58
0.212	57
0.15	55
0.063	51

Particle Diameter	Percentage Passing
0.02	41
0.006	30
0.002	18

Soil Fraction	Total Percentage
Cobbles	0
Gravel	31
Sand	18
Silt	33
Clay	18

Remarks:
See Summary of Soil Descriptions



HE Compton, West Berkshire

Contract No:
PSL19/1792
Client Ref:
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

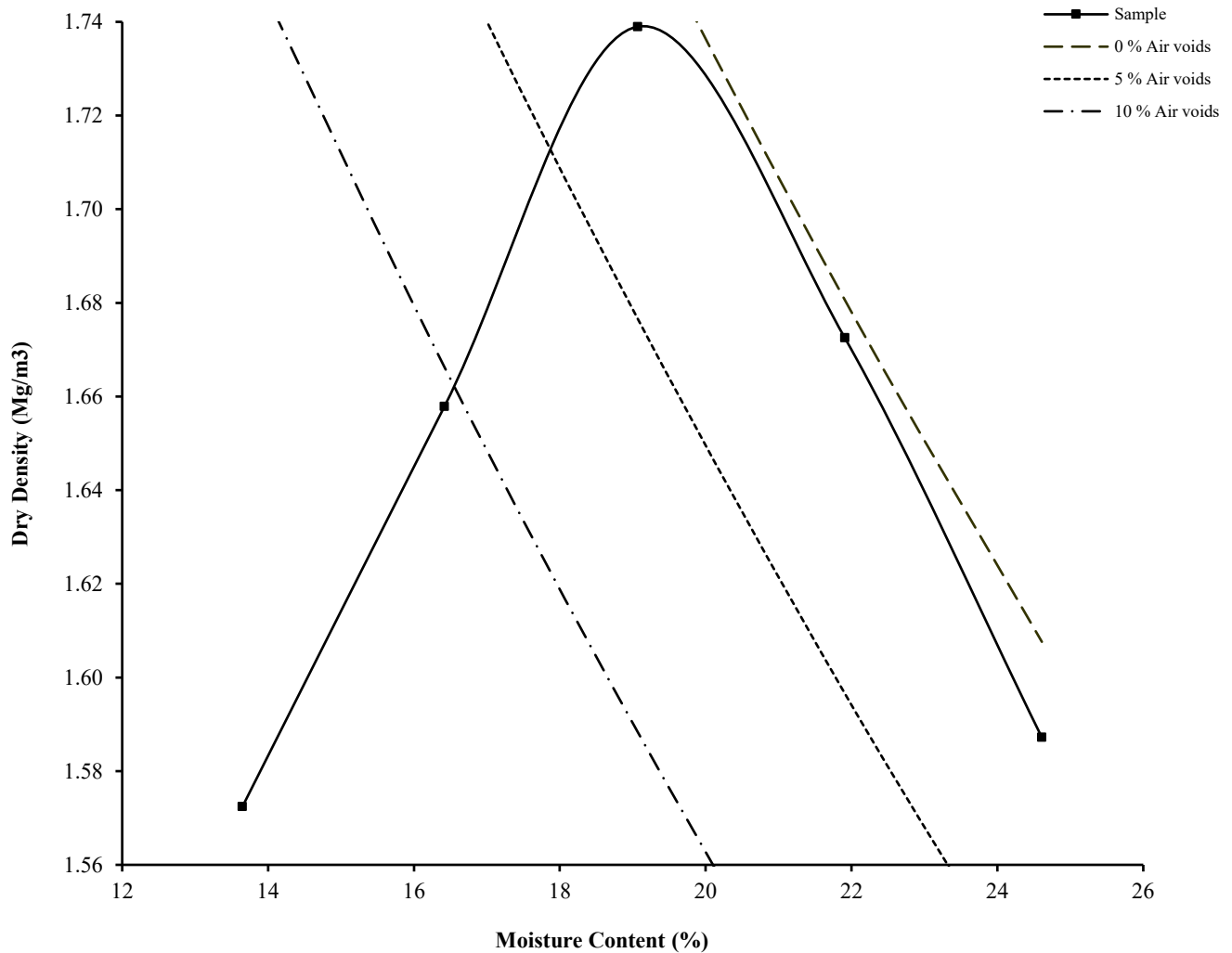
Hole Number: **WS03**

Top Depth (m) : **0.40**

Sample Number:

Base Depth (m) :

Sample Type: **B**



Initial Moisture Content:	16	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.66	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.74		Material Retained on 20.0 mm Test Sieve (%):	14
Optimum Moisture Content (%):	19			
Remarks				
See summary of soil descriptions.				



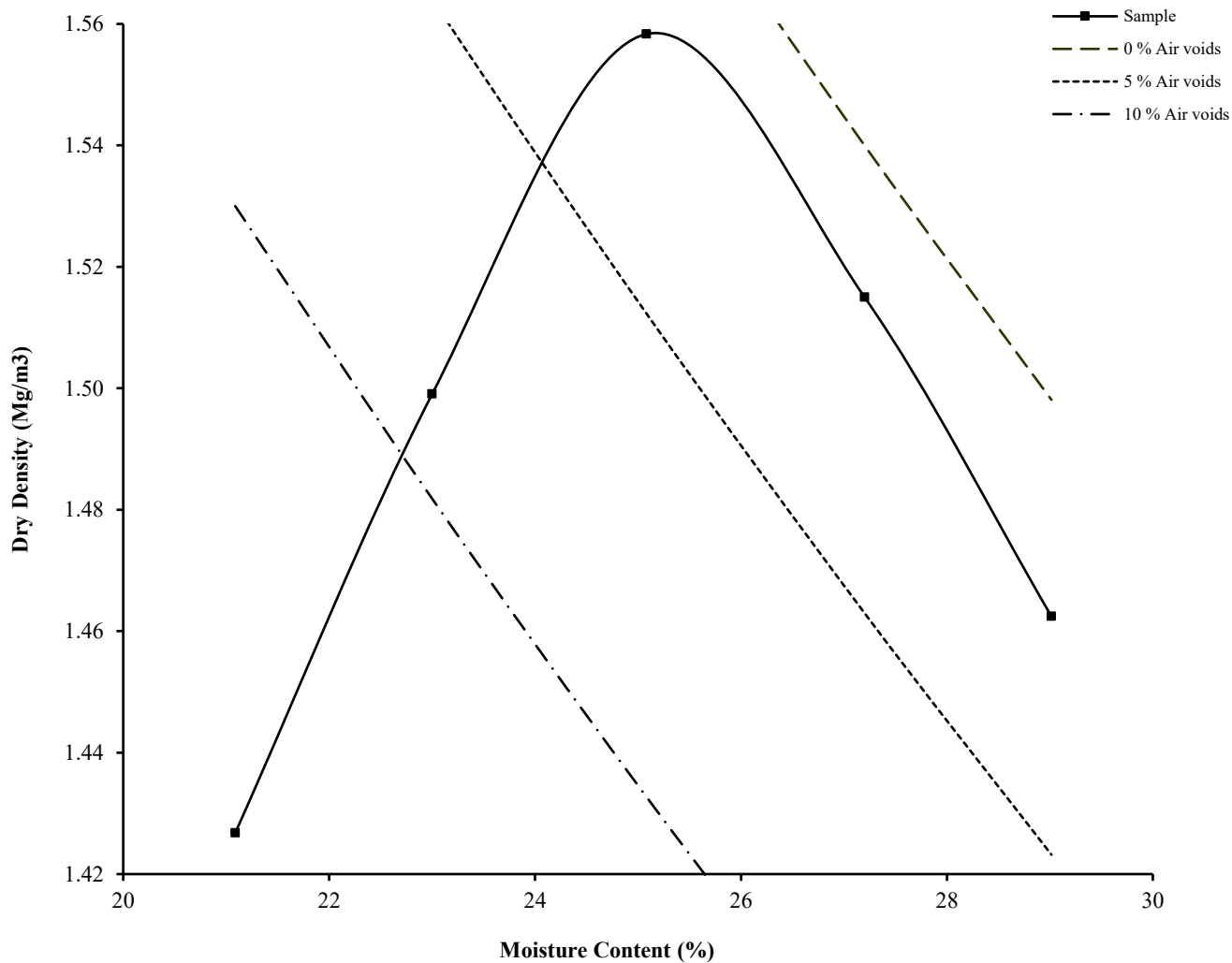
HE Compton, West Berkshire

Contract
PSL19/1792
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

Hole Number: **WS18** Top Depth (m) : **1.00**
 Sample Number: Base Depth (m) :
 Sample Type: **B**



Initial Moisture Content:	25	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.56		Material Retained on 20.0 mm Test Sieve (%):	7
Optimum Moisture Content (%):	25			
Remarks				
See summary of soil descriptions.				



HE Compton, West Berkshire

Contract
PSL19/1792
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

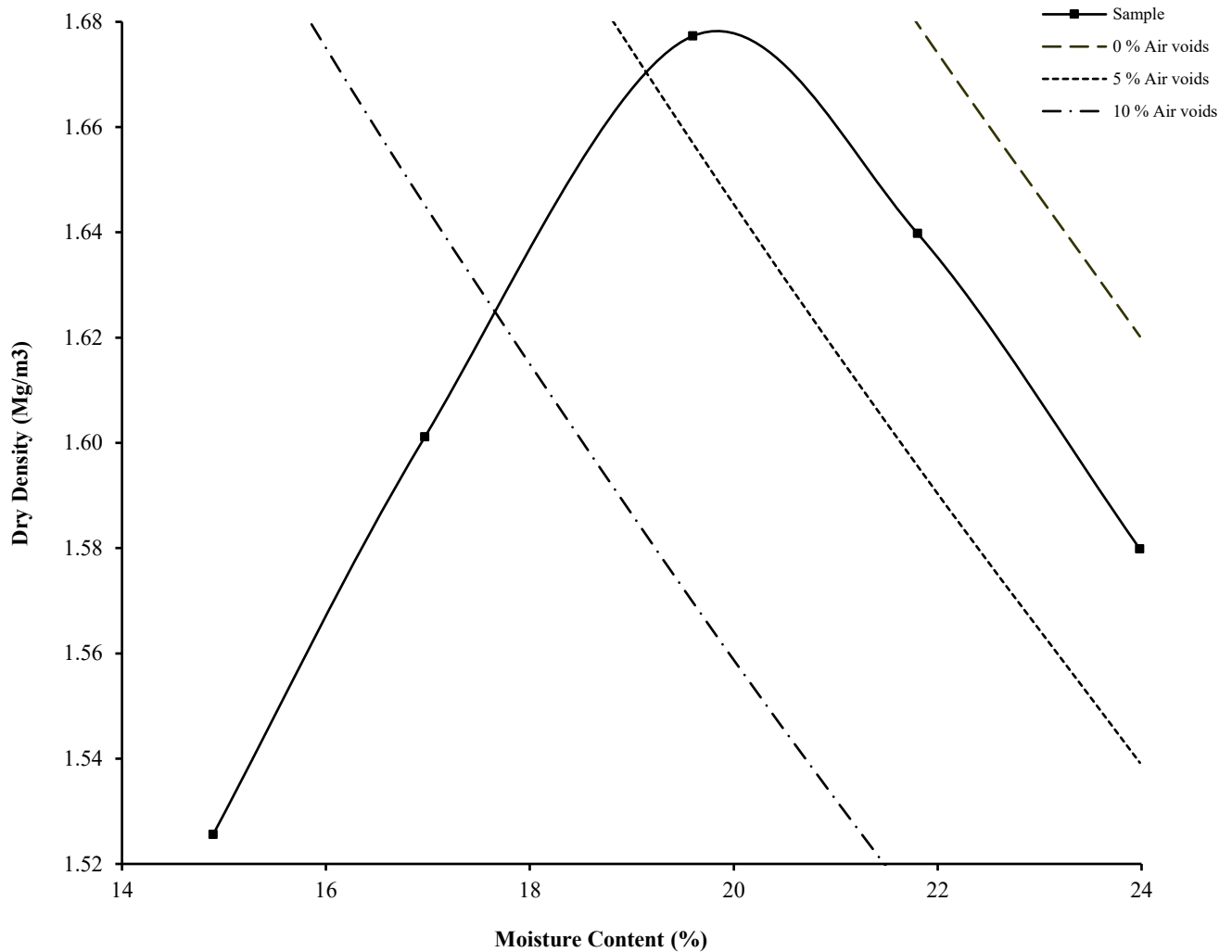
Hole Number: **WS30**

Top Depth (m) : **0.50**

Sample Number:

Base Depth (m) :

Sample Type: **B**



Initial Moisture Content:	20	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.68	Material Retained on 20.0 mm Test Sieve (%):	8	
Optimum Moisture Content (%):	20			
Remarks				
See summary of soil descriptions.				



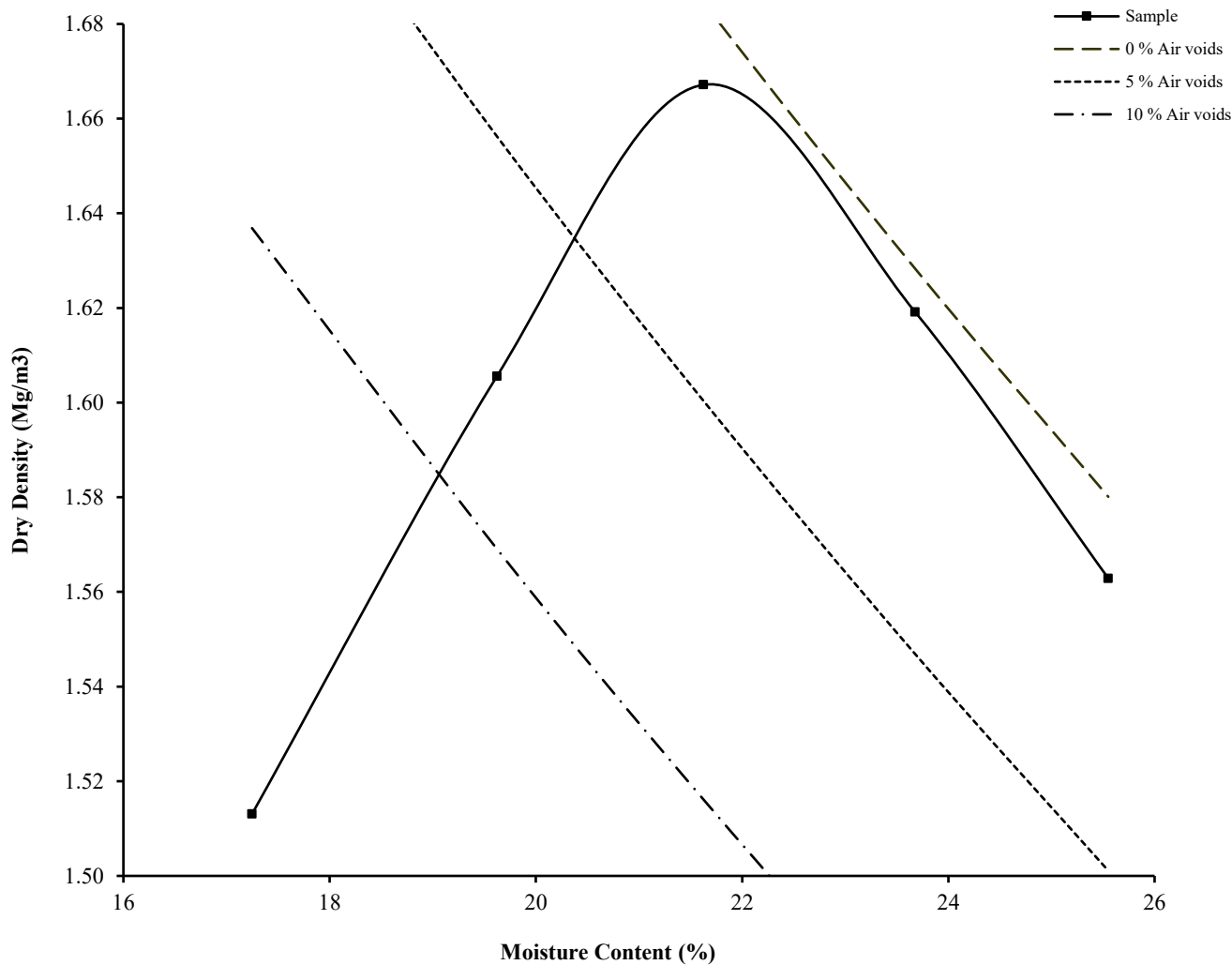
HE Compton, West Berkshire

Contract
PSL19/1792
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

Hole Number: **WS42** Top Depth (m) : **1.25**
 Sample Number: Base Depth (m) :
 Sample Type: **B**



Initial Moisture Content:	22	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.65	Assumed	Material Retained on 37.5 mm Test Sieve (%):	6
Maximum Dry Density (Mg/m ³):	1.67		Material Retained on 20.0 mm Test Sieve (%):	14
Optimum Moisture Content (%):	22			
Remarks See summary of soil descriptions.				



HE Compton, West Berkshire

Contract
PSL19/1792
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

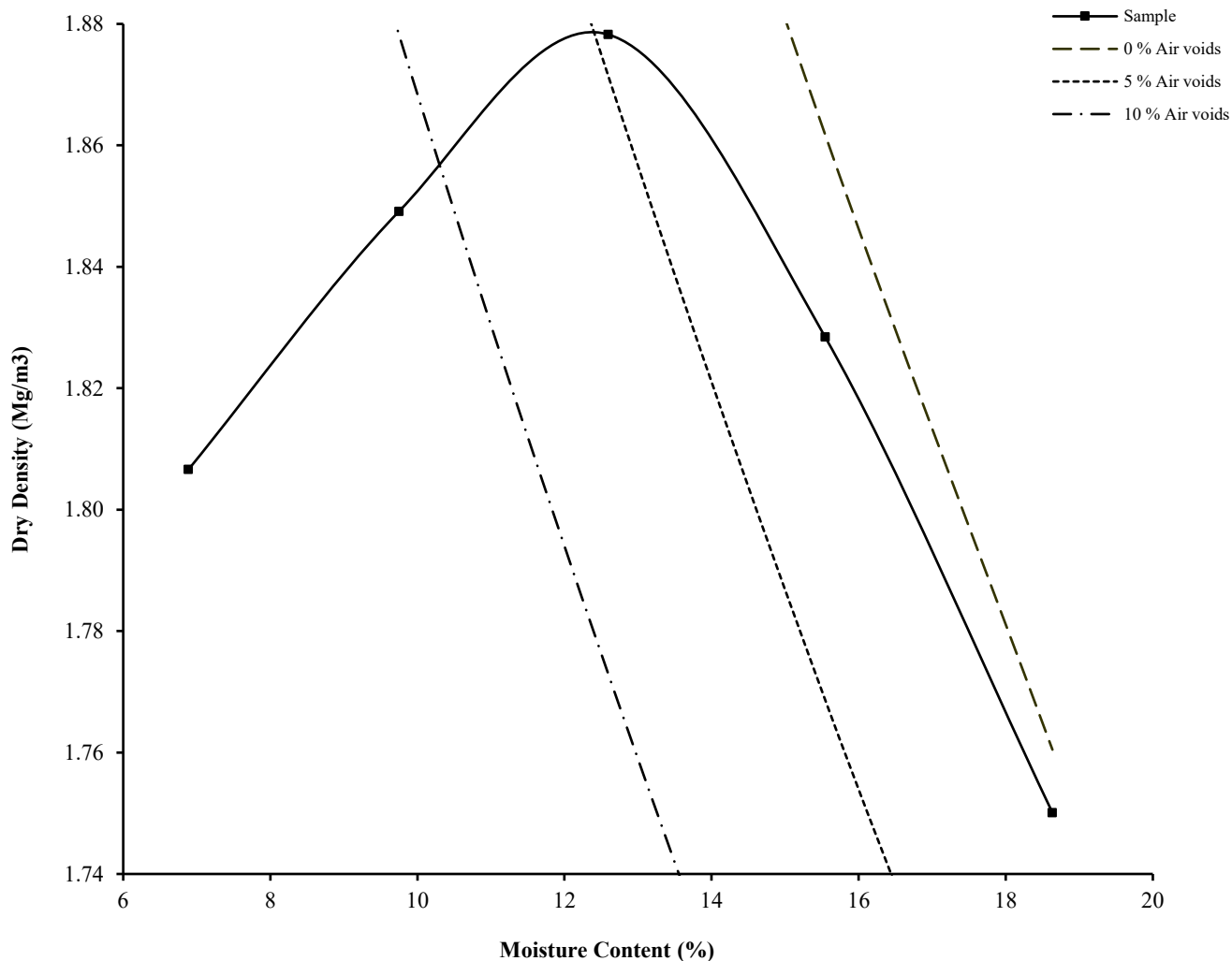
Hole Number: **WS46**

Top Depth (m) : **0.70**

Sample Number:

Base Depth (m) :

Sample Type: **B**



Initial Moisture Content:	13	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.62	Assumed	Material Retained on 37.5 mm Test Sieve (%):	2
Maximum Dry Density (Mg/m ³):	1.88		Material Retained on 20.0 mm Test Sieve (%):	22
Optimum Moisture Content (%):	13			
Remarks				
See summary of soil descriptions.				



HE Compton, West Berkshire

Contract
PSL19/1792
Client Ref
A090070-474

DRY DENSITY / MOISTURE CONTENT RELATIONSHIP

BS 1377 : Part 4 : 1990

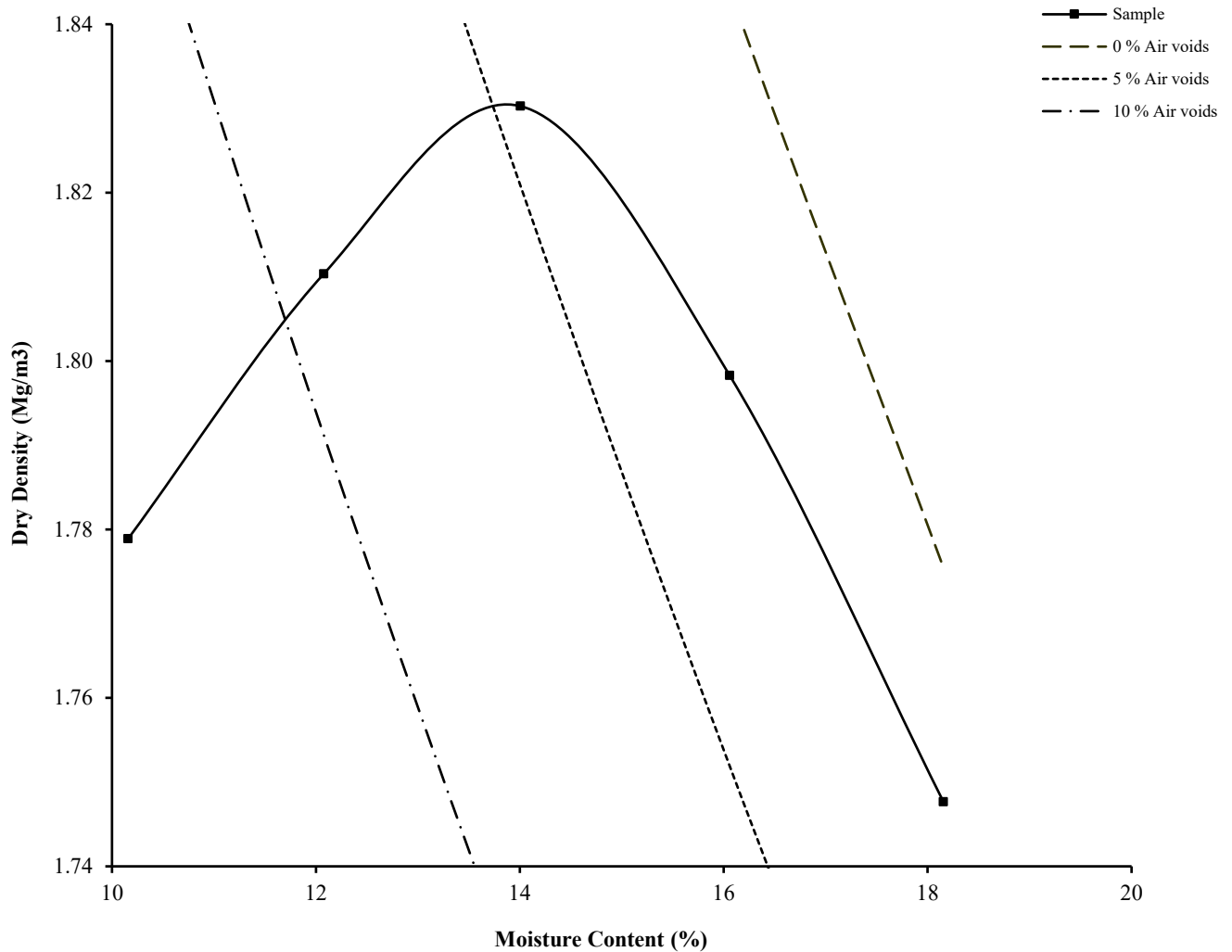
Hole Number: **WS57**

Top Depth (m) : **0.50**

Sample Number:

Base Depth (m) :

Sample Type: **B**



Initial Moisture Content:	14	Method of Compaction:	2.5kg	Separate Samples
Particle Density (Mg/m ³):	2.62	Assumed	Material Retained on 37.5 mm Test Sieve (%):	0
Maximum Dry Density (Mg/m ³):	1.83	Material Retained on 20.0 mm Test Sieve (%):	8	
Optimum Moisture Content (%):	14			
Remarks				
See summary of soil descriptions.				



HE Compton, West Berkshire

Contract
PSL19/1792
Client Ref
A090070-474



DETS

Certificate of Analysis

Certificate Number 19-05859

02-Apr-19

Client Professional Soils Laboratory Ltd
5/7 Hexthorpe Road
Hexthorpe
DN4 0AR

Our Reference 19-05859

Client Reference PSL19/1792

Order No (not supplied)

Contract Title HE Compton West Berkshire

Description 11 Soil samples.

Date Received 28-Mar-19

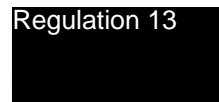
Date Started 28-Mar-19

Date Completed 02-Apr-19

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By Regulation 13



Regulation 13
Contracts Manager



Summary of Chemical Analysis Soil Samples

Our Ref 19-05859

Client Ref PSL19/1792

Contract Title HE Compton West Berkshire

Lab No	1480656	1480657	1480658	1480659	1480660	1480661	1480662	1480663	1480664	1480665	1480666
Sample ID	WS02	WS10	WS11	WS18	WS20	WS30	WS31	WS36	WS40	WS52	WS55
Depth	1.00	1.80	2.00	2.00	1.20	2.00	2.00	1.20	2.00	1.90	2.00
Other ID	D	D	D	D	D	D	D	D	D	D	D
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units	1480656	1480657	1480658	1480659	1480660	1480661	1480662	1480663	1480664	1480665	1480666
Inorganics														
pH	DETSC 2008#			8.8	9.1	9.0	9.2	8.6	9.1	8.7	8.2	8.4	8.8	9.1
Sulphate Aqueous Extract as SO4	DETSC 2076#	10	mg/l	140	23	61	< 10	19	< 10	14	12	11	< 10	< 10

Information in Support of the Analytical Results

Our Ref 19-05859
 Client Ref PSL19/1792
 Contract HE Compton West Berkshire

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1480656	WS02 1.00 SOIL		PG	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480657	WS10 1.80 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480658	WS11 2.00 SOIL		PG	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480659	WS18 2.00 SOIL		PG	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480660	WS20 1.20 SOIL		PG	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480661	WS30 2.00 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480662	WS31 2.00 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480663	WS36 1.20 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480664	WS40 2.00 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480665	WS52 1.90 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	
1480666	WS55 2.00 SOIL		PT 1L	Sample date not supplied, Anions 2:1 (365 days), pH + Conductivity (7 days)	

Key: P-Plastic G-Bag T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months



LABORATORY REPORT



4043

Contract Number: PSL19/2176

Report Date: 25 April 2019

Client's Reference: A090070-474

Client Name: WYG London
11th Floor
1 Angel Court
London
EC2R 7HJ

For the attention of: Regulation 13

Contract Title: HE Compton, West Berkshire

Date Received: 3/4/2019

Date Commenced: 3/4/2019

Date Completed: 25/4/2019

Notes: Opinions and Interpretations are outside the UKAS Accreditation

A copy of the Laboratory Schedule of accredited tests as issued by UKAS is attached to this report. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced other than in full, without the prior written approval of the laboratory.

Checked and Approved Signatories:

Regulation 13
(Director)

Regulation 13
(Director)

Regulation 13
(Quality Manager)

Regulation 13
(Senior Technician)

Regulation 13
(Senior Technician)

Regulation 13
(Senior Technician)

5 – 7 Hexthorpe Road, Hexthorpe,
Doncaster DN4 0AR
tel: +44 (0)844 815 6641
fax: +44 (0)844 815 6642
e-mail: Regulation13@prosoils.co.uk
Regulation13@prosoils.co.uk

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content % <small>Clause 3.2</small>	Linear Shrinkage % <small>Clause 6.5</small>	Particle Density Mg/m ³ <small>Clause 8.2</small>	Liquid Limit % <small>Clause 4.3/4</small>	Plastic Limit % <small>Clause 5.3</small>	Plasticity Index % <small>Clause 5.4</small>	Passing .425mm %	Remarks
BH01			8.50	8.65	27							
BH01			9.65	9.75	10							
BH01			12.30	12.40	29							
BH01			13.30	13.45	13							
BH01			16.15	16.30	24							
BH01			19.50	19.75	21							
BH02			14.20	14.30	14							
BH03			7.90	8.10	22							
BH03			13.00	13.10	22							
BH03			14.00	14.10	24							

SYMBOLS : NP : Non Plastic

* : Liquid Limit and Plastic Limit Wet Sieved.



HE Compton, Compton



Contract No:
PSL19/2176
Client Ref:

SUMMARY OF CHALK TESTS

(BS1377 : PART 2 & 4 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content %	Saturated MC %	Dry Density Mg/m ³	Passing 10mm Sieve %	Chalk Crushing Value CCV	Remarks
BH01			6.60	6.70	23	25	1.61			
BH01			8.50	8.65	27	24	1.64			
BH01			9.65	9.75	10	16	1.90			
BH01			12.30	12.40	29	18	1.82			
BH01			13.30	13.45	13	16	1.89			
BH01			16.15	16.30	24	24	1.64			
BH01			19.50	19.75	21	22	1.71			
BH01			21.30	21.50	24	24	1.63			
BH01			22.25	22.35	20	24	1.65			
BH02			14.20	14.30	14	16	1.90			
BH02			17.50	17.80	14	18	1.81			
BH02			18.80	19.00	19	26	1.59			
BH03			7.90	8.10	22	25	1.61			
BH03			9.70	9.80	23	29	1.52			
BH03			11.30	11.40	30	30	1.49			
BH03			13.00	13.10	22	21	1.73			
BH03			14.00	14.10	24	28	1.55			
BH03			14.20	14.30	4.2	6.9	2.27			
BH04			6.80	7.00	4.1	8.7	2.19			

* CCV testing is not UKAS accredited

 4043		HE Compton, Compton	Contract No:
			PSL19/2176
			Client Ref:

SUMMARY OF CHALK TESTS

(BS1377 : PART 2 & 4 : 1990)

Hole Number	Sample Number	Sample Type	Top Depth m	Base Depth m	Moisture Content %	Saturated MC %	Dry Density Mg/m ³	Passing 10mm Sieve %	Chalk Crushing Value CCV	Remarks
BH04			11.23	11.40	19	21	1.72			
BH04			12.20	12.30	16	20	1.77			
BH04			15.40	15.50	23	26	1.59			
BH04			16.60	16.75	21	20	1.76			

* CCV testing is not UKAS accredited

 PSL Professional Soils Laboratory	HE Compton, Compton	Contract No:
		PSL19/2176
		Client Ref:

SUMMARY OF POINT LOAD TEST RESULTS

ISRM Suggested Methods : 2007

Borehole Number	Depth (m)	Sample Ref	Test Type	Orientation Par / Perp	Dimensions (mm)		Area (mm ²)	D _c ²	D _c (mm)	Failure Load (P)		I _s (MPa)	Corr Fac F	I _{s50} (MPa)	Failure Type	Remarks
					W	D				(Mpa)	(kN)					
					BH01	6.60					A					
BH01	6.60		A	Perp	70	25	1750	2228.17	47.20	-	0.06	0.03	0.974	0.03	Valid	
BH01	9.80		A	Perp	70	34	2380	3030.31	55.05	-	0.22	0.07	1.044	0.08	Valid	
BH01	9.80		A	Perp	70	43	3010	3832.45	61.91	-	0.27	0.07	1.101	0.08	Valid	
BH01	15.25		A	Perp	70	38	2660	3386.82	58.20	-	0.56	0.17	1.071	0.18	Valid	
BH01	15.25		A	Perp	70	27	1890	2406.42	49.06	-	0.34	0.14	0.991	0.14	Valid	
BH01	17.60		A	Perp	70	27	1890	2406.42	49.06	-	0.21	0.09	0.991	0.09	Valid	
BH01	17.60		A	Perp	70	13	910	1158.65	34.04	-	0.17	0.15	0.841	0.12	Valid	
BH01	21.30		A	Perp	70	17	1190	1515.16	38.92	-	0.11	0.07	0.893	0.06	Valid	
BH01	21.30		A	Perp	70	22	1540	1960.79	44.28	-	0.14	0.07	0.947	0.07	Valid	
BH01	22.25		A	Perp	70	32	2240	2852.06	53.40	-	0.45	0.16	1.030	0.16	Valid	
BH01	22.25		A	Perp	70	30	2100	2673.80	51.71	-	0.37	0.14	1.015	0.14	Valid	
BH02	16.10		A	Perp	70	40	2800	3565.07	59.71	-	1.26	0.35	1.083	0.38	Valid	
BH02	16.10		A	Perp	70	34	2380	3030.31	55.05	-	1.02	0.34	1.044	0.35	Valid	
BH02	17.50		A	Perp	70	36	2520	3208.56	56.64	-	1.31	0.41	1.058	0.43	Valid	
BH02	17.50		A	Perp	70	32	2240	2852.06	53.40	-	0.68	0.24	1.030	0.25	Valid	
BH02	18.80		A	Perp	70	37	2590	3297.69	57.43	-	0.29	0.09	1.064	0.09	Valid	
BH02	18.80		A	Perp	70	32	2240	2852.06	53.40	-	0.31	0.11	1.030	0.11	Valid	
BH03	9.70		A	Perp	70	26	1820	2317.30	48.14	-	0.14	0.06	0.983	0.06	Valid	
BH03	9.70		I	Perp	52	26	1352	1721.42	41.49	-	0.10	0.06	0.919	0.05	Valid	
BH03	14.20		A	Perp	70	40	2800	3565.07	59.71	-	11.27	3.16	1.083	3.42	Valid	
BH03	14.20		A	Perp	70	28	1960	2495.55	49.96	-	4.22	1.69	1.000	1.69	Valid	

*Note All testing carried out on samples at as received water content

Par = parallel, Perp = perpendicular, U = Random

A = Axial, D = Diametral, I = Irregular



HE Compton, Compton

Contract No:

PSL19/2176

Client Ref:

SUMMARY OF POINT LOAD TEST RESULTS

ISRM Suggested Methods : 2007

Borehole Number	Depth (m)	Sample Ref	Test Type	Orientation	Dimensions (mm)		D _c ²	D _c (mm)	Failure Load		I _s (MPa)	Corr Fac F	I _{s50} (MPa)	Failure Type	Remarks
				Par / Perp	L	D			(Mpa)	(kN)					
BH01	6.60		D	Par	-	70	4900	70.00	-	0.08	0.016	1.163	0.02	Valid	
BH01	9.80		D	Par	-	70	4900	70.00	-	0.20	0.041	1.163	0.05	Valid	
BH01	15.25		D	Par	-	70	4900	70.00	-	0.73	0.149	1.163	0.17	Valid	
BH01	17.60		D	Par	-	70	4900	70.00	-	0.29	0.059	1.163	0.07	Valid	
BH01	21.30		D	Par	-	70	4900	70.00	-	0.49	0.100	1.163	0.12	Valid	
BH01	22.25		D	Par	-	70	4900	70.00	-	0.29	0.059	1.163	0.07	Valid	
BH02	16.10		D	Par	-	70	4900	70.00	-	0.37	0.076	1.163	0.09	Valid	
BH02	17.50		D	Par	-	70	4900	70.00	-	0.31	0.063	1.163	0.07	Valid	
BH02	18.80		D	Par	-	70	4900	70.00	-	0.65	0.133	1.163	0.15	Valid	
BH03	9.70		D	Par	-	70	4900	70.00	-	0.18	0.037	1.163	0.04	Valid	
BH03	14.20		D	Par	-	70	4900	70.00	-	11.53	2.353	1.163	2.74	Valid	

**Note* All testing carried out on samples at as received water content Par = parallel, Perp = perpendicular, U = Random



HE Compton, Compton



Contract No:
PSL19/2176
Client Ref:

SUMMARY OF POINT LOAD TEST RESULTS

ISRM Suggested Methods : 2007

Borehole Number	Depth (m)	Sample Ref	Test Type	Orientation Par / Perp	Dimensions (mm)		Area (mm ²)	D _c ²	D _c (mm)	Failure Load (P)		I _s (MPa)	Corr Fac F	I _{s50} (MPa)	Failure Type	Remarks
					W	D				(Mpa)	(kN)					
					BH04	6.80					A					
BH04	6.80		A	Perp	70	32	2240	2852.06	53.40	-	4.97	1.74	1.030	1.80	Valid	
BH04	7.90		A	Perp	70	31	2170	2762.93	52.56	-	0.11	0.04	1.023	0.04	Valid	
BH04	7.90		A	Perp	70	35	2450	3119.44	55.85	-	0.12	0.04	1.051	0.04	Valid	
BH04	9.50		I	Perp	56	35	1960	2495.55	49.96	-	1.16	0.46	1.000	0.46	Valid	
BH04	9.50		I	Perp	70	31	2170	2762.93	52.56	-	0.35	0.13	1.023	0.13	Valid	
BH04	13.60		A	Perp	70	31	2170	2762.93	52.56	-	0.28	0.10	1.023	0.10	Valid	
BH04	13.60		A	Perp	70	25	1750	2228.17	47.20	-	0.14	0.06	0.974	0.06	Valid	
BH04	15.10		A	Perp	70	32	2240	2852.06	53.40	-	0.25	0.09	1.030	0.09	Valid	
BH04	15.10		A	Perp	70	36	2520	3208.56	56.64	-	0.31	0.10	1.058	0.10	Valid	
BH04	15.40		I	Perp	65	27	1755	2234.54	47.27	-	0.15	0.07	0.975	0.07	Valid	
BH04	15.40		I	Perp	56	32	1792	2281.65	47.77	-	0.35	0.15	0.980	0.15	Valid	
BH04	16.60		A	Perp	70	42	2940	3743.32	61.18	-	0.51	0.14	1.095	0.15	Valid	
BH04	16.60		A	Perp	70	36	2520	3208.56	56.64	-	0.40	0.12	1.058	0.13	Valid	

*Note All testing carried out on samples at as received water content Par = parallel, Perp = perpendicular, U = Random A = Axial, D = Diametral, I = Irregular

 4043		HE Compton, Compton	Contract No:
			PSL19/2176
			Client Ref:

SUMMARY OF POINT LOAD TEST RESULTS

ISRM Suggested Methods : 2007

Borehole Number	Depth (m)	Sample Ref	Test Type	Orientation	Dimensions (mm)		D _c ²	D _e (mm)	Failure Load		I _s (MPa)	Corr Fac F	I ₅₀ (MPa)	Failure Type	Remarks
				Par / Perp	L	D			(Mpa)	(kN)					
BH04	6.80		D	Par	-	70	4900	70.00	-	6.05	1.235	1.163	1.44	Valid	
BH04	7.90		D	Par	-	70	4900	70.00	-	0.15	0.031	1.163	0.04	Valid	
BH04	13.60		D	Par	-	70	4900	70.00	-	0.17	0.035	1.163	0.04	Valid	
BH04	15.10		D	Par	-	70	4900	70.00	-	0.64	0.131	1.163	0.15	Valid	
BH04	16.60		D	Par	-	70	4900	70.00	-	1.17	0.239	1.163	0.28	Valid	

**Note* All testing carried out on samples at as received water content Par = parallel, Perp = perpendicular, U = Random



HE Compton, Compton

Contract No:
PSL19/2176
Client Ref:

DETERMINATION OF UNCONFINED COMPRESSIVE STRENGTH

ISRM Suggested Methods, pp 111 –116, 1981.

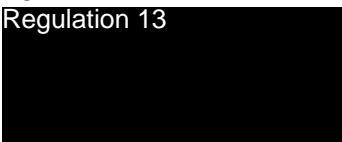
Hole Number	Sample Number	Sample Type	Top Depth (m)	Base Depth (m)	Sample Diameter (mm)	Sample Length (mm)	Height Ratio	Initial Mass (g)	Bulk Density (Mg/m)	Moisture Content (%)	Dry Density (Mg/m)	Load Failure (kN)	UCS (MPa)	Failure Mode	Date Tested	Remarks
BH01			17.60	17.80	70	118	1.7	967	2.13	19	1.78	11.2	2.9	Brittle	18/04/19	
BH02			16.10	16.30	70	134	1.9	1118	2.17	19	1.83	20.2	5.2	Brittle	18/04/19	
BH04			16.60	16.75	70	124	1.8	991	2.08	21	1.72	9.1	2.4	Brittle	18/04/19	



HE Compton, Compton

Contract No:
PSL19/2176
Client Ref:


Health Physics Monitoring Certificate

Description of Item(s)	Certificate Ref: AHP/RPA/HOE/CERT/10-1-19		
<p>External surfaces of containers used to collect samples during site investigation from locations identified as WS08, WS044, WS047, WS048, WS049, WS050 and WS051 on the former Institute of Animal Health, Compton.</p> <p>Items included 22 large plastic sealed bags of samples and 83 pots of samples of varying sizes.</p>			
Contamination Monitoring Results			
	α/β		
Instrument background	4 - 9	Counts per second (cps)	
Direct	4 - 9	Counts per second (cps)	
Instrument(s) used	Electra DP6 (AHP0086)		
Radiation Monitoring Results			
	β/γ	γ	η
Background ($\mu\text{Sv/h}$)	$<0.1 \mu\text{Sv/h}$	60 - 90 cps	Not Applicable
Dose rate ($\mu\text{Sv/h}$)	$<0.1 \mu\text{Sv/h}$	60 - 90 cps	Not Applicable
Instrument(s) used	Mini-Rad 1000 (AHP0030), GR135+ (AHP364)		
Comments			
<p>Aurora undertook direct monitoring of the external surface of plastic bags, glass and plastic pots used to collect samples from ground investigations at the former Institute of Animal Health site at Compton. No readings above background were detected during the monitoring and they can be considered as free from radiological contamination.</p> <p>No radiological controls or restrictions are required to handle these items.</p>			
Name: Regulation 13	Signature Regulation 13 	Date: 11/1/19	Radiation Protection Adviser

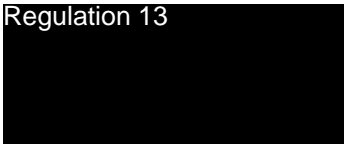
Health Physics Monitoring Certificate

Description of Item(s)		Certificate Ref: AHP/RPA/HOE/CERT/15-1-19	
<p>External surfaces of containers used to collect samples during site investigation from locations identified as WS08, WS17, WS14 and WS01 on the former Institute of Animal Health, Compton.</p> <p>Items monitored, 11 large bags of spoil, 24 assorted glass jars and 21 plastic containers..</p>			
Contamination Monitoring Results			
	α/β		
Instrument background	4 – 6	Counts per second (cps)	
Direct	4 – 6	Counts per second (cps)	
Instrument(s) used	Electra DP6 (AHP0086)		
Radiation Monitoring Results			
	β/γ	γ	η
Background ($\mu\text{Sv/h}$)	<0.1 $\mu\text{Sv/h}$	40 - 70 cps	Not Applicable
Dose rate ($\mu\text{Sv/h}$)	<0.1 $\mu\text{Sv/h}$	40 - 70 cps	Not Applicable
Instrument(s) used	Mini-Rad 1000 (AHP0030), GR135+ (AHP364)		
Comments			
<p>Aurora undertook direct monitoring of the external surface of plastic bags, glass and plastic pots used to collect samples from ground investigations at the former Institute of Animal Health site at Compton. No readings above background were detected during the monitoring and they can be considered as free from radiological contamination.</p> <p>No radiological controls or restrictions are required to handle these items.</p>			
Name: Regulation	Signature Regulation 13	Date: 17/1/19	Health Physics Surveyor

Health Physics Monitoring Certificate

Description of Item(s)	Certificate Ref: AHP/RPA/HOE/CERT/18-1-19		
<p>External surfaces of containers used to collect samples during site investigation from locations identified as WS9, WS12, WS13, WS15, WS19, WS21, WS24, WS25 HP05, HP06, HP07, HP08, HP09, HP10, HP11, HP13 and HP14 on the former Institute of Animal Health, Compton.</p> <p>Items included 33 large plastic sealed bags of samples and 168 pots of samples of varying sizes.</p>			
Contamination Monitoring Results			
	α/β		
Instrument background	4 - 9	Counts per second (cps)	
Direct	4 - 9	Counts per second (cps)	
Instrument(s) used	Electra DP6 (AHP0086)		
Radiation Monitoring Results			
	β/γ	γ	η
Background ($\mu\text{Sv/h}$)	$<0.1 \mu\text{Sv/h}$	60 - 90 cps	Not Applicable
Dose rate ($\mu\text{Sv/h}$)	$<0.1 \mu\text{Sv/h}$	60 - 90 cps	Not Applicable
Instrument(s) used	Mini-Rad 1000 (AHP0030), GR135+ (AHP364)		
Comments			
<p>Aurora undertook direct monitoring of the external surface of plastic bags, glass and plastic pots used to collect samples from ground investigations at the former Institute of Animal Health site at Compton. No readings above background were detected during the monitoring and they can be considered as free from radiological contamination.</p> <p>No radiological controls or restrictions are required to handle these items.</p>			
Name: Regulation 13	Signature Regulation 13 	Date: 21/1/19	Radiation Protection Adviser

Health Physics Monitoring Certificate

Description of Item(s)	Certificate Ref: AHP/RPA/HOE/CERT/28-1-19		
<p>External surfaces of containers used to collect samples during site investigation from locations identified as WS10, WS15, WS16, WS20, WS22, WS23, WS25A, WS26, WS28, WS29, WS30, WS33, WS34, WS35, WS36, WS37, WS38, WS39, WS40, WS41, WS42, WS43, WS45, WS46, WS49, WS52, WS53, WS54, WS57, WS58 the former Institute of Animal Health, Compton.</p> <p>Items included 97 large plastic sealed bags of samples and 333 pots of samples of varying sizes.</p>			
Contamination Monitoring Results			
	α/β		
Instrument background	4 - 9	Counts per second (cps)	
Direct	4 - 9	Counts per second (cps)	
Instrument(s) used	Electra DP6 (AHP0086)		
Radiation Monitoring Results			
	β/γ	γ	η
Background ($\mu\text{Sv/h}$)	$<0.1 \mu\text{Sv/h}$	60 - 90 cps	Not Applicable
Dose rate ($\mu\text{Sv/h}$)	$<0.1 \mu\text{Sv/h}$	60 - 90 cps	Not Applicable
Instrument(s) used	Mini-Rad 1000 (AHP0030), GR135+ (AHP364)		
Comments			
<p>Aurora undertook direct monitoring of the external surface of plastic bags, glass and plastic pots used to collect samples from ground investigations at the former Institute of Animal Health site at Compton. No readings above background were detected during the monitoring and they can be considered as free from radiological contamination.</p> <p>No radiological controls or restrictions are required to handle these items.</p>			
Name: Regulation 13	Signature Regulation 13 	Date: 29/1/19	Radiation Protection Adviser



Appendix G – Aurora Report

Ref: AHP/RPA/WYG/COMP/NFR/19/01

Regulation 13

WYG
11th Floor
1 Angel Court
London
EC2R7HJ

19 March 2019

Note for the Record on Radiological Work for WYG at Compton February 2019

Dear **Regulati**

This note for the record summarises the recent work undertaken under contract for WYG by Aurora Health Physics Services Ltd at the former Institute of Animal Health site at Compton between 4 and 15 February 2019.

As part of pre-works for Homes England (the current site owners) into the investigation of the radiological status of the Compton site, Aurora prepared an Independent Desk Study on the Radiological Status of the Former Institute of Animal Health at Compton (Ref: AHP/HOE/RPA/REP/18/01) and prepared a Phase 3 Ground Investigation Design Document (Ref: AHP/HOE/RPA/REP/18/02). In these reports Aurora identified gaps in the existing radiological information in several areas of Site that if filled would support a more comprehensive plan for the future remediation strategy.

Consequently, the following tasks were recommended to Homes England to fill the identified gaps:

- 1 Investigation via a series of boreholes under one area of the old building referred to as the Chicken Sheds to identify the location of a historical waste pit. (Location 1).
- 2 Sample collection in the New Sludge Pits to identify if they had been used for radioactive discharges. (Location 2).
- 3 A bore hole in the North West corner of the site within the area used by the current tenant and next to an SSE electrical substation. (Location 3).
- 4 Investigation via a series of boreholes near the former Chicken Sheds to identify the location of a historical waste pit. (Location 4).
- 5 Sample collection in areas known as the "Sheep Pens" to obtain radioactivity data with four locations identified from previous work that would complete gaps in the knowledge including information on

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strontium-90, hydrogen-3 and carbon-14 and provide more comprehensive information to support future site remediation.

(Location 5).

- 6 Sample collection in the area known as the "Bull Pen" to obtain radioactivity data from four specific buried pots known to contain elevated radioactivity and may potentially contain alpha emitting actinides and strontium-90. (Location 6).

It was identified in the Independent Desk Study on the Radiological Status of the Former Institute of Animal Health at Compton (Ref: AHP/HOE/RPA/REP/18/01) and subsequent discussions that due to Location 1 being under a current building footprint its location would be noted for investigation once the building had been demolished and work would not be undertaken during this phase of work.

During the pre-works walk around with Aurora, WYG and AECOM, WYG identified their concerns on the stability of an excavation into Location 2. Subsequent discussions between WYG and AECOM identified that due to the potential unstable ground of the sludge beds and the potential low volume of material in the area that this would also be noted and would be monitored during full site remediation.

For Location 3, Aurora were informed that due to the sensitivities of interfering with the work of the existing tenant and the proximity to the substation and buried live electrical services this would be left until the substation is removed and the tenant no longer resident on the site. Therefore, work was not undertaken in this location during this phase of work

For Location 4, though the intention was to drill six boreholes in the area, below ground service investigations could not find enough safe areas to excavate which would eliminate the risk of contact with buried services. One position was identified as being safe to dig (approximately 15 metres South of TP11). A trial pit was hand dug to a depth of 0.6 metres and found a concrete slab. Work stopped at this depth and the presence of the slab was noted by WYG.

For sample collection in the sheep pens (Location 5), the first trial pit (trial pit 15), excavation uncovered laboratory waste including syringes, plastic pots and some electrical components at approximately 2.7 metres from the top of the bank and investigation work continued into the trench with the aim to find the highest readings and take samples. Once animal remains were uncovered in the trench at a depth of 3 metres, the site policy was invoked to cease digging upon encountering animal remains, the remaining animal hide, bones and surrounding soil was found to be contaminated with radioactivity and samples were collected. The trench was then backfilled.

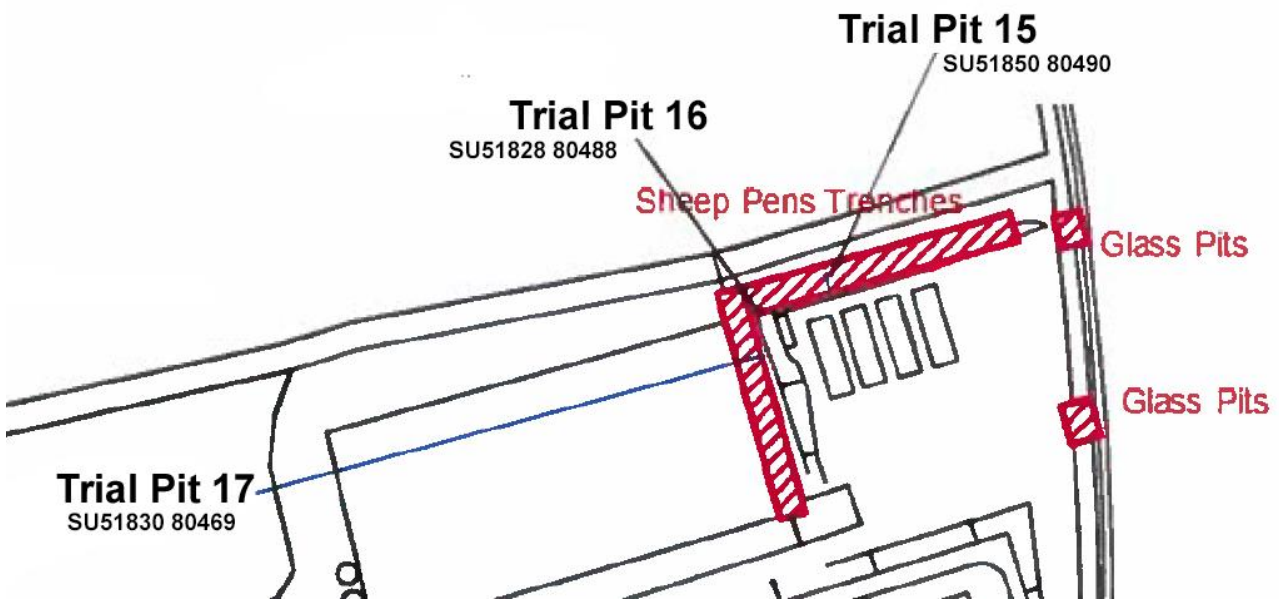
On the second trial pit (trial pit 16) animal bones were identified at a depth of 2.8 metres, the site policy to cease digging on finding animal remains was implemented and the trial pit was backfilled. Direct monitoring by probe did not detect any radioactive contamination in the area around the animal remains. The policy to cease excavation on encountering animal remains meant that Aurora was

unable to explore further into the trench to identify the location of any radioactivity and no samples were collected.

Due to the length of time to excavate and remove the soil from each of these pits and get down to a level where the trenches were exposed, concerns were expressed on the time available for the works. It was agreed that AECOM would go to Homes England and ask them to decide if they wanted the final two trial pits in the sheep pens completed.

Homes England agreed to fund an additional trial pit (trial pit 17) and this got to a depth of 2.8 metres before animal bones were identified and the site policy to cease digging on finding animal remains was implemented. Direct monitoring by probe did not detect any radioactive contamination in the area around the animal remains.

It should be noted that work undertaken by Aurora in 2011 did find radioactivity in these locations and since work stopped due to uncovering animal remains before significant penetration into the trenches was made the absence of detectable radioactivity by probe measurement at the tops of the trench cannot be taken as indicative that it is not present below the animal remains. The three locations can be seen in the diagram below.



Sample collection into Location 5 involved identifying pot number 3, 13, 19 and 26 (the numbers refer to earlier documentation made during site investigations in 2011). The pots are covered by a layer of top soil and vegetation. The excavator pushed the top soil and vegetation back allowing Aurora to identify the correct pot numbers and access pots 3,13 and 19. A tented enclosure was placed over each pot and samples were collected. Due to the reach of the excavator not being able to safely remove the top soil over pot 26, a review of the desk study report by the Radioactive Waste Adviser identified pot 16 as a potential replacement.

During their time on site Aurora also continued to support the monitoring of sample pots prior to dispatch to the sample analysis laboratory and provide coverage including monitoring of equipment, and personnel during window sampling at locations across the Compton site.

Summary

Aurora undertook radiological monitoring in support of site investigation of the former Institute of Animal Health at Compton in February 2019. The locations for monitoring and sampling were pre-identified in previous work from Homes England and samples for laboratory analysis were collected from locations where practicable. Once the radiological sampling results are available from the laboratory, the report prepared for Homes England by Aurora, titled Remediation Strategy for Radioactive Contamination at the Former Institute of Animal Health, Compton will be updated to take account of the new findings.

Kind Regards

Regulation 13



Regulation 13

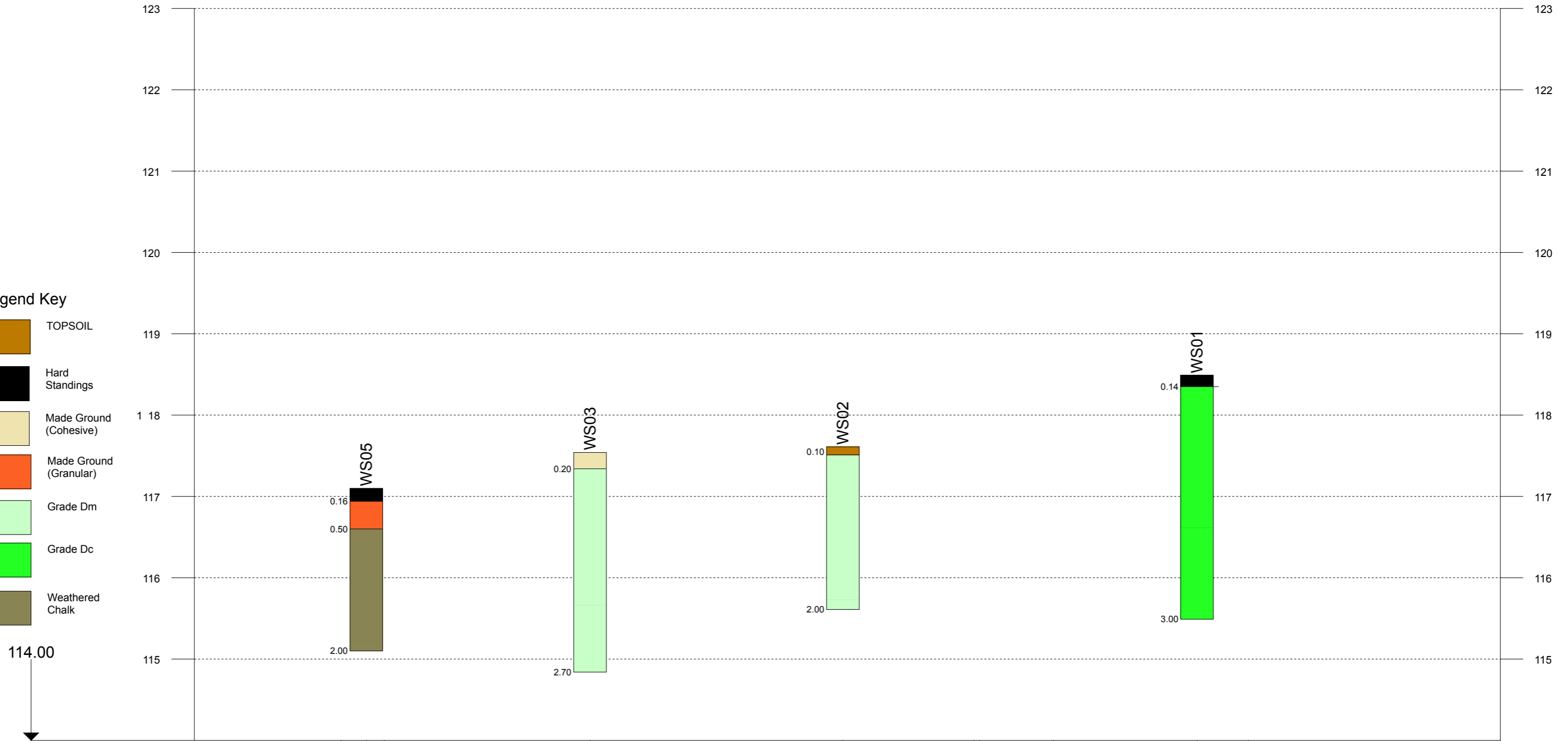
Radiation Protection Adviser and Radioactive Waste Adviser

CC. Regulation 13 (Aurora)
Regulation (Aurora)
Regulation 13 (AECOM)
Regulation 13 (Homes England)

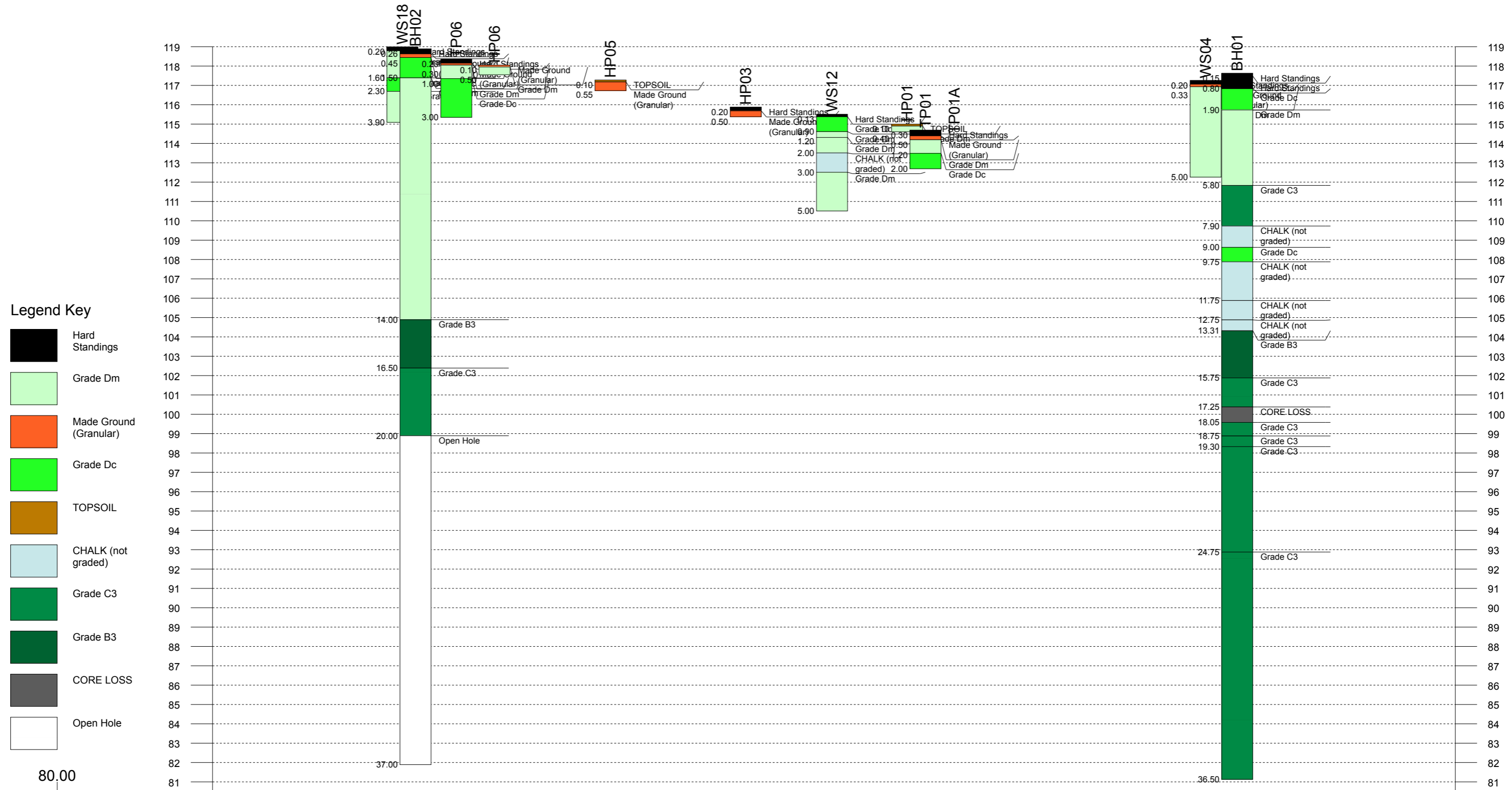
Appendix B Geological X Sections

Legend Key

- TOPSOIL
- Hard Standings
- Made Ground (Cohesive)
- Made Ground (Granular)
- Grade Dm
- Grade Dc
- Weathered Chalk



Chainage (m)	0.00	6.17	10.64	61.18	123.37	155.60	175.14	210.45	223.09
Offset (m)		14.62	4.55	10.62	0.74	6.65	2.94	17.70	
Elevation (mAOD)		117.10	117.50	117.54	117.61	118.04	122.78	118.49	



Legend Key

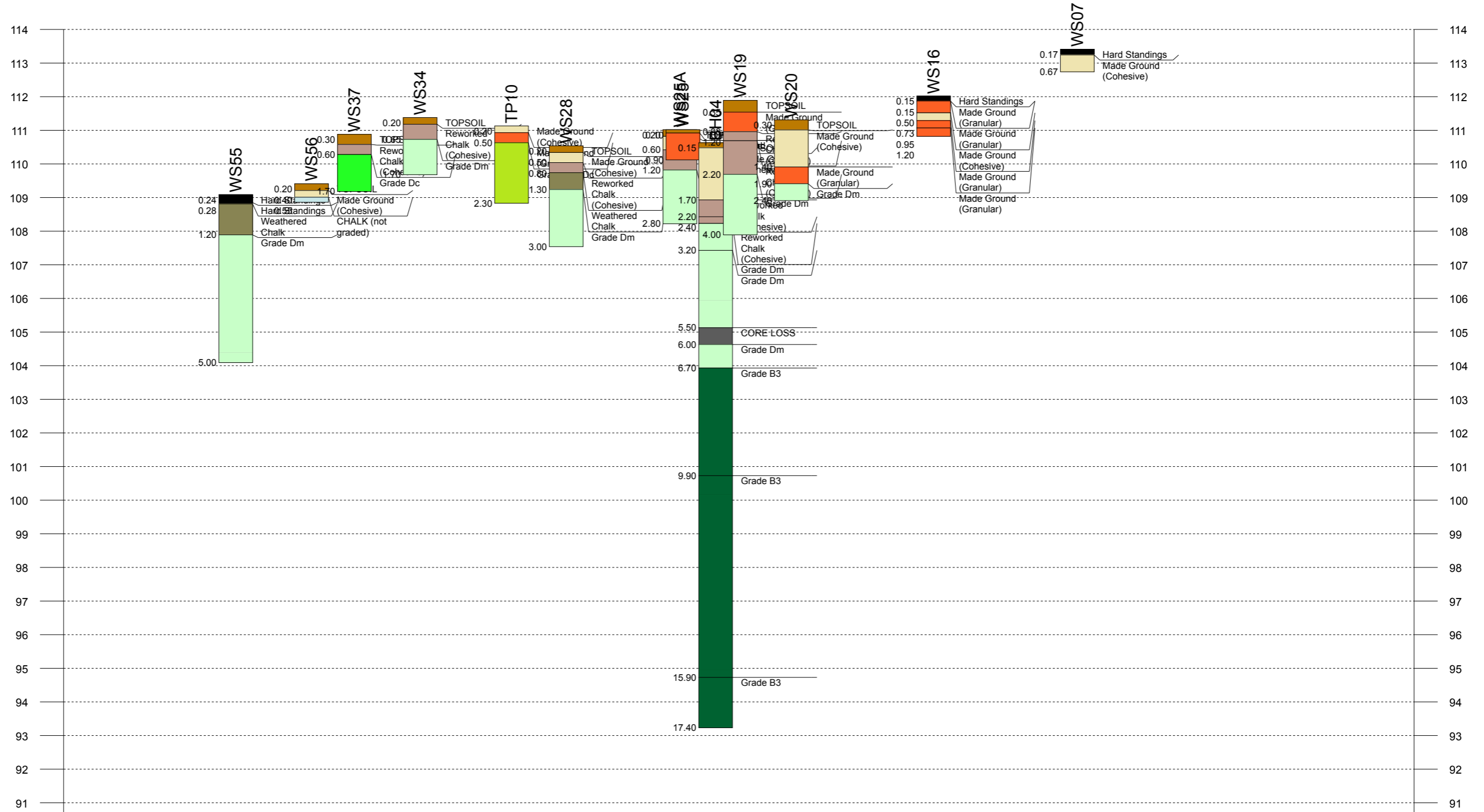
- Hard Standings
- Grade Dm
- Made Ground (Granular)
- Grade Dc
- TOPSOIL
- CHALK (not graded)
- Grade C3
- Grade B3
- CORE LOSS
- Open Hole

Chainage (m)	0.00	19.42	24.48	40.29	55.13	100.07	152.51	185.95	215.06	222.19	233.40	330.79	343.04	356.31
Offset (m)		3.11	4.27	7.01	11.75	8.65	14.05	0.73	4.32	0.13	10.70	7.64	8.09	
Elevation (mAOD)		118.99	118.89	118.35	118.05	117.28	115.88	115.51	115.00	114.69	114.39	117.26	117.63	



Legend Key

- Hard Standings
- Made Ground (Cohesive)
- TOPSOIL
- Made Ground (Granular)
- Reworked Chalk (Cohesive)
- Grade Dm
- Grade Dm/Dc
- Grade Dc
- Weathered Chalk
- CHALK (not graded)
- CORE LOSS
- Grade B3



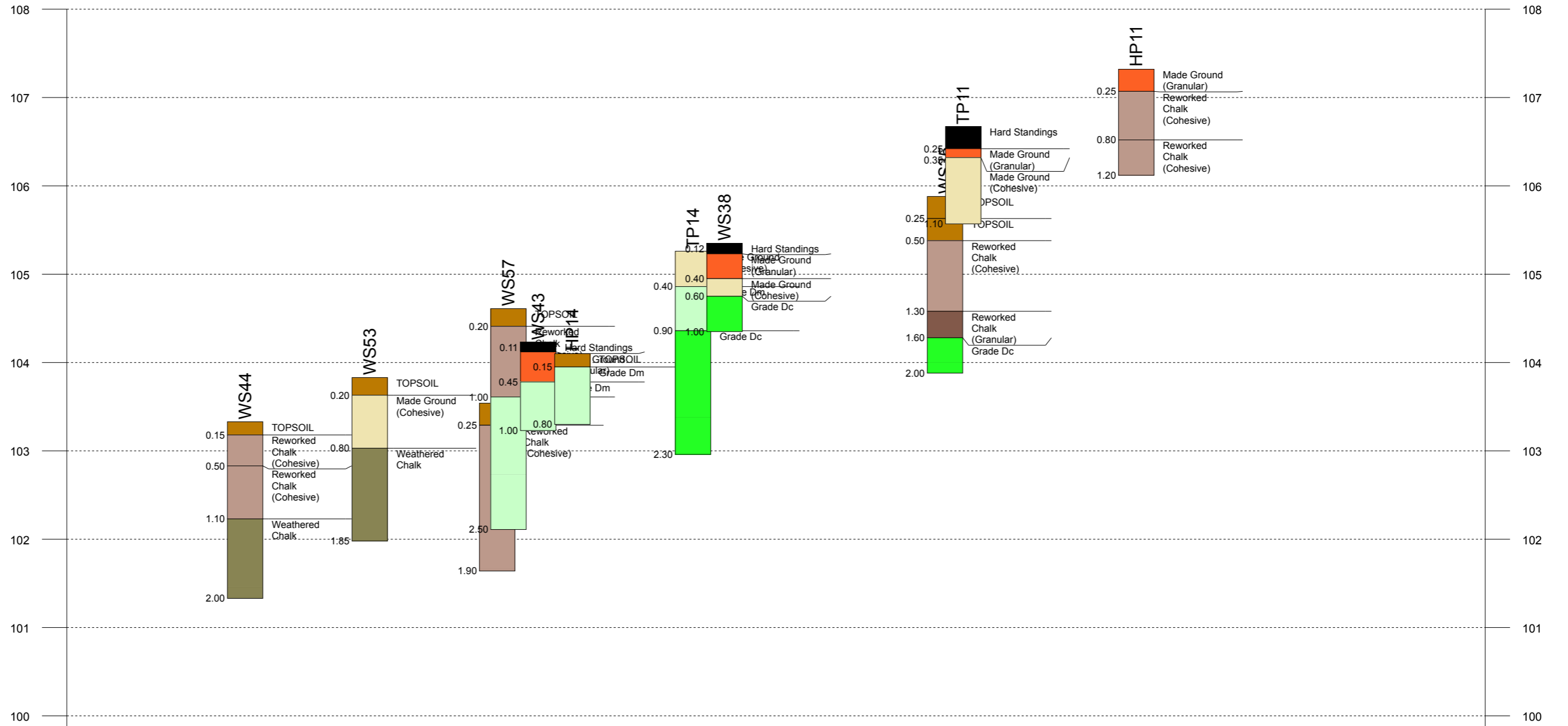
90.00

Chainage (m)	0.00	8.43	39.96	57.80	85.17	123.21	145.95	192.88	208.15	218.40	239.66	298.89	358.68	378.53
Offset (m)	8.92	9.08	9.73	12.56	3.66	12.62	0.64	14.15	8.06	6.16	6.13	7.17		
Elevation (mAOD)	109.09	109.41	110.88	111.38	111.13	110.54	111.62	110.63	111.89	111.31	112.02	113.41		



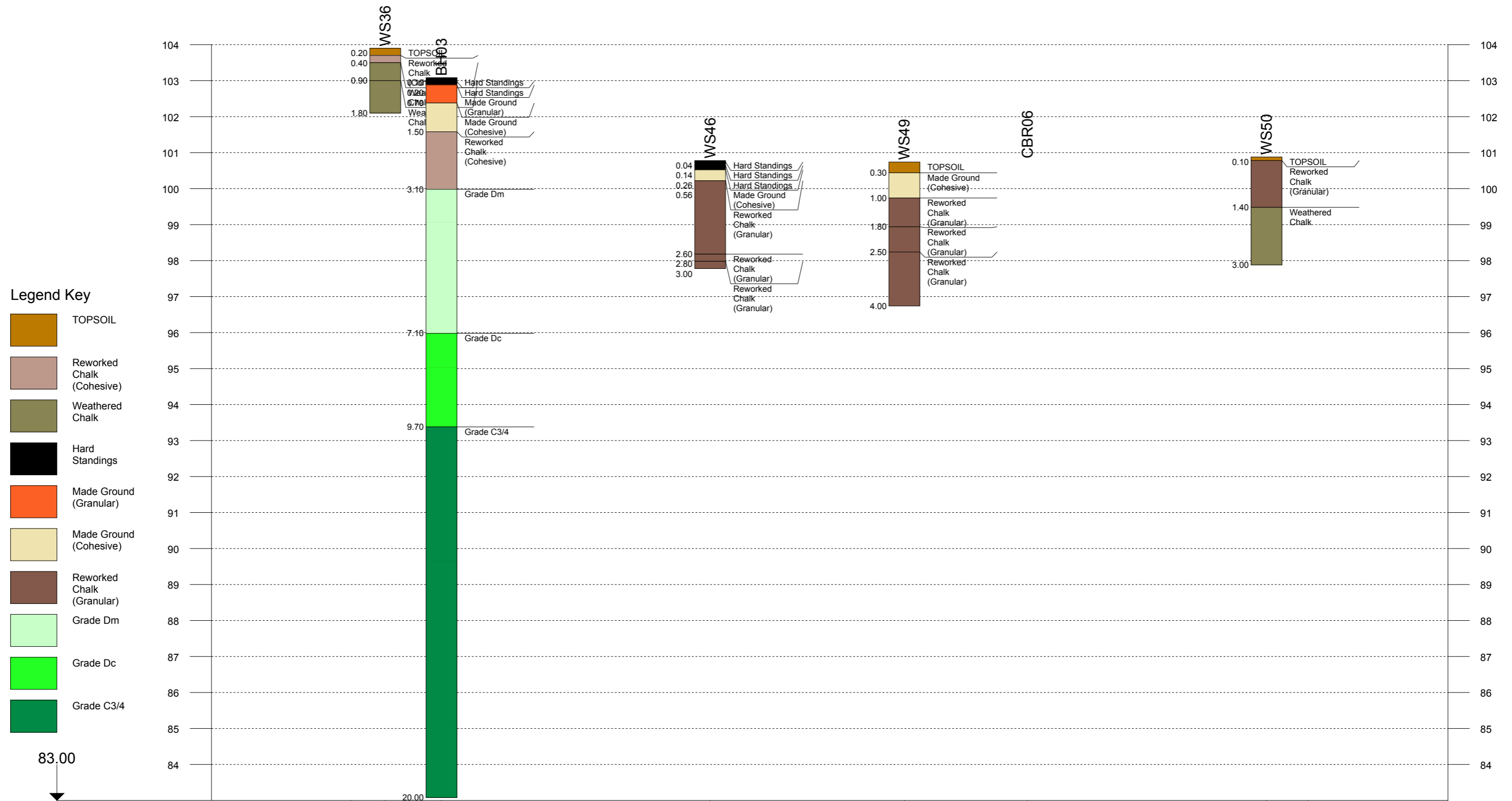
Legend Key

- Made Ground (Granular)
- Reworked Chalk (Cohesive)
- Hard Standings
- Made Ground (Cohesive)
- TOPSOIL
- Grade Dm
- Grade Dc
- Reworked Chalk (Granular)
- Weathered Chalk



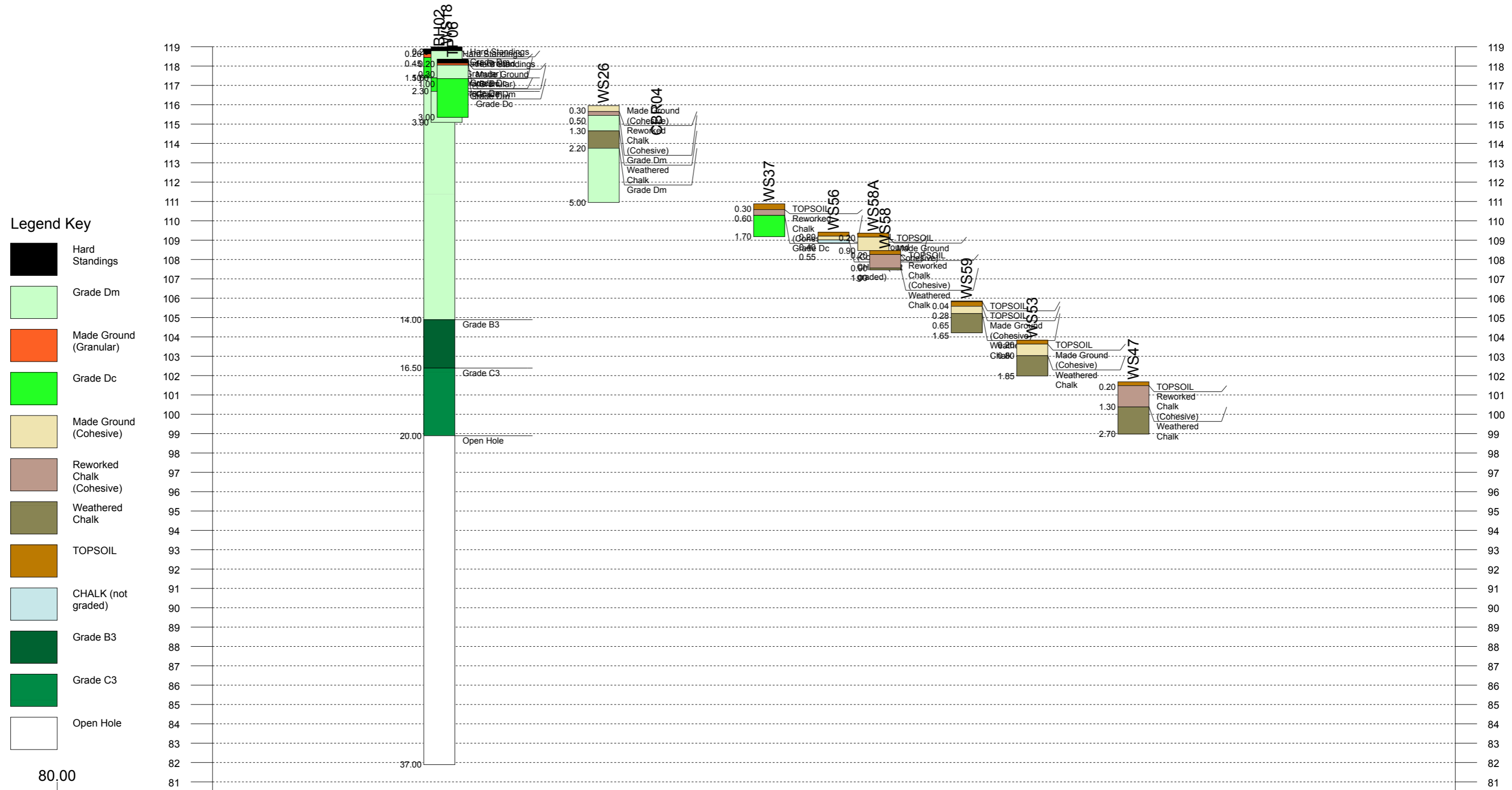
99.00

Chainage (m)	0.00	6.37		48.70		91.98	95.82	105.93	117.53		158.51	169.23		244.10	250.28		309.06	331.85
Offset (m)		6.69		2.15		11.80	11.49	4.56	6.03		0.81	3.13		6.51	9.76		1.80	
Elevation (mAOD)	103.33			103.83		103.54	104.61	104.23	104.10		105.26	105.35		105.88	106.67		107.32	



- Legend Key**
- TOPSOIL
 - Reworked Chalk (Cohesive)
 - Weathered Chalk
 - Hard Standings
 - Made Ground (Granular)
 - Made Ground (Cohesive)
 - Reworked Chalk (Granular)
 - Grade Dm
 - Grade Dc
 - Grade C3/4

Chainage (m)	0.00	12.92	33.88	134.03	206.41	252.30	341.41	357.05
Offset (m)		12.11	0.03	10.54	12.99	12.31	1.92	
Elevation (mAOD)		103.90	103.08	100.78	100.74	100.78	100.88	

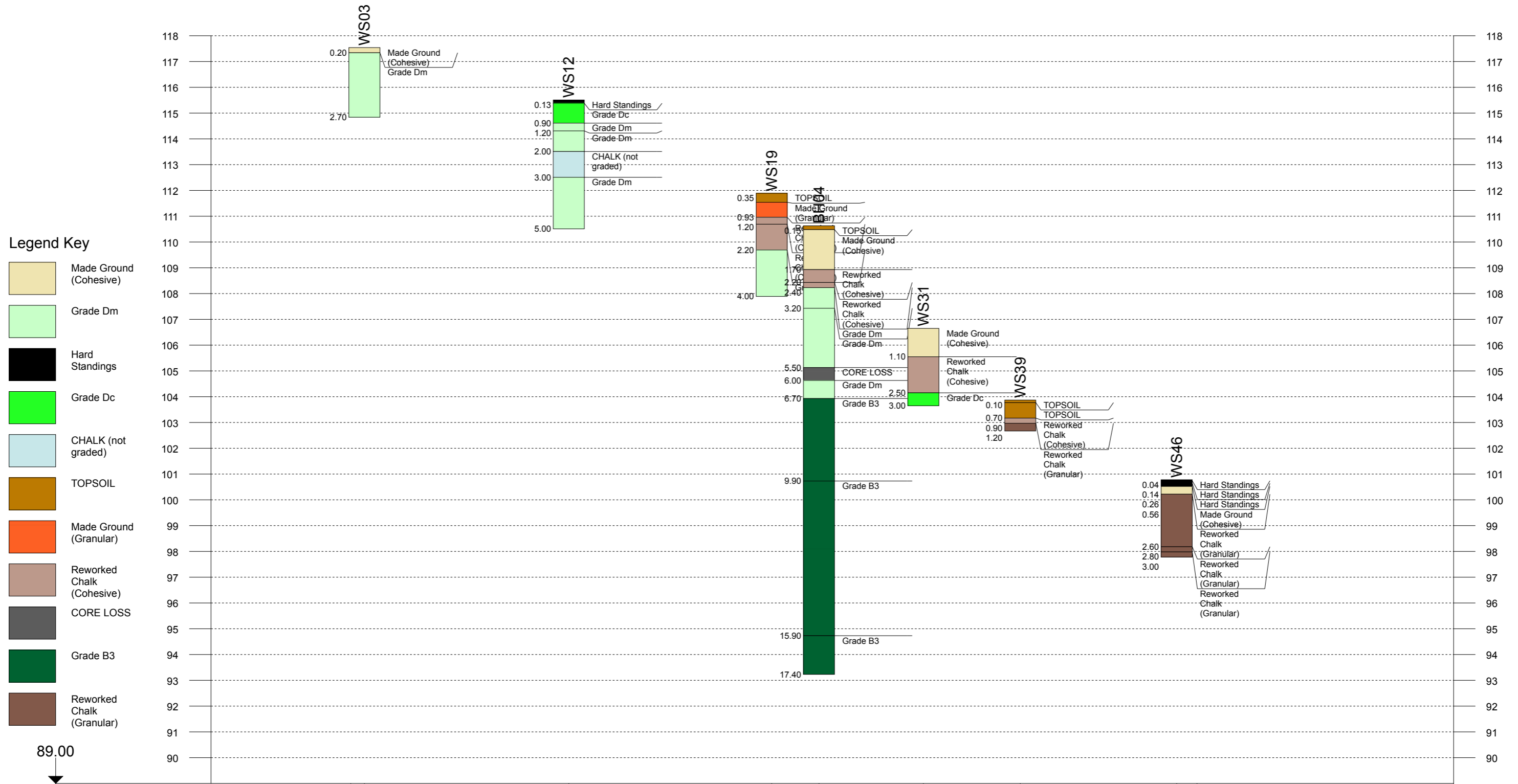


Legend Key

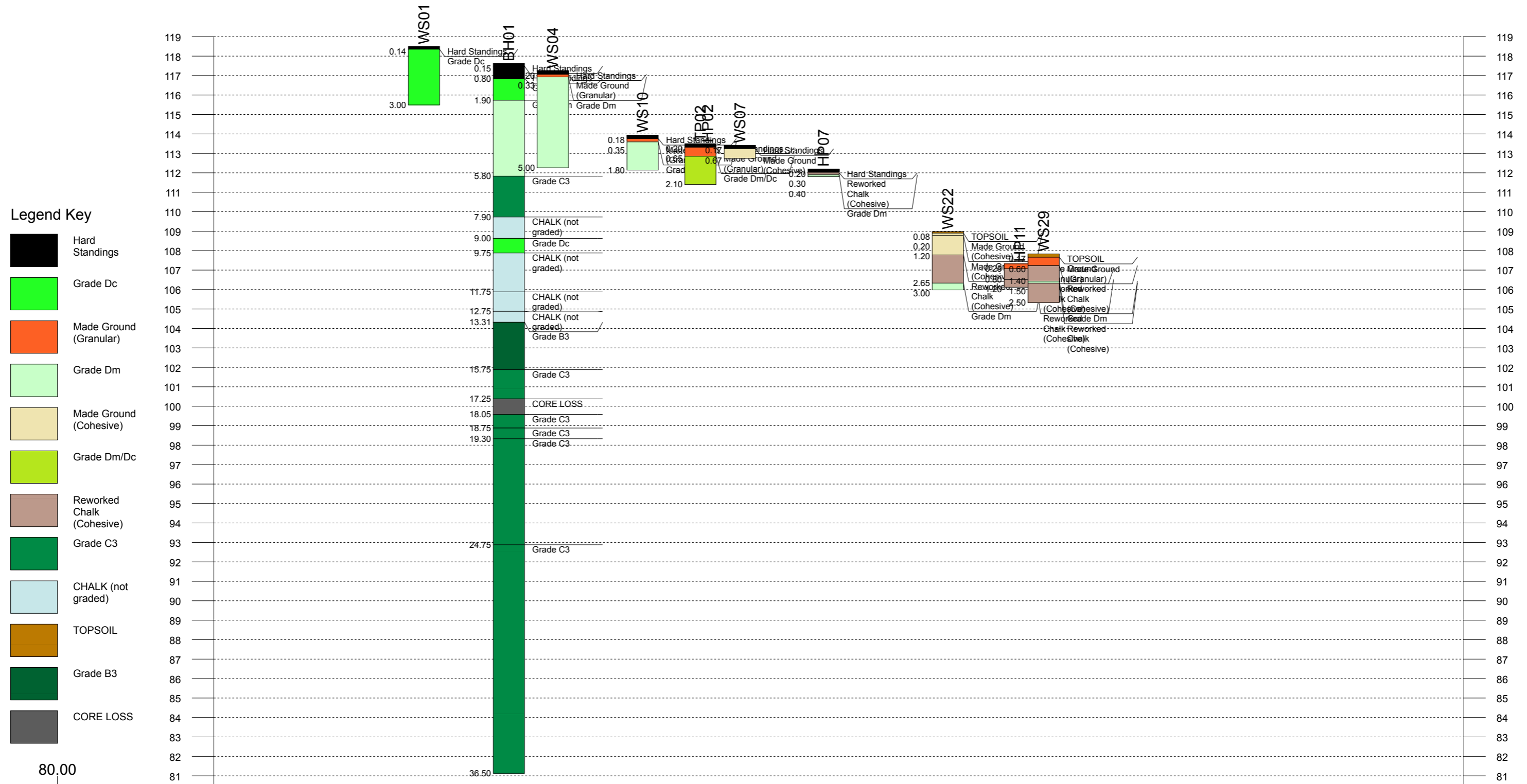
	Hard Standings
	Grade Dm
	Made Ground (Granular)
	Grade Dc
	Made Ground (Cohesive)
	Reworked Chalk (Cohesive)
	Weathered Chalk
	TOPSOIL
	CHALK (not graded)
	Grade B3
	Grade C3
	Open Hole

80.00

Chainage (m)	0.00	33.71	97.43	117.98	161.57	186.54	201.96	238.17	263.56	302.81	335.81
Offset (m)		6.48	15.30	10.55	5.73	1.25	13.35	15.02	8.35	12.26	
Elevation (mAOD)		118.89	115.95	114.29	110.88	109.41	109.36	105.86	103.83	101.68	



Chainage (m)	0.00	7.04	112.69	217.56	242.04	295.99	346.08	426.95	437.45
Offset (m)	0.49	3.92	5.17	4.49	15.42	7.90	7.97		
Elevation (mAOD)	117.54	115.51	111.89	110.63	106.65	103.87	100.78		



80.00

Chainage (m)	0.00	31.28	69.46	89.19	129.61	158.88	173.34	210.96	266.86	299.21	309.94	418.71
Offset (m)		8.76	6.20	3.31	3.14	2.06	4.79	4.05	11.44	7.06	5.22	
Elevation (mAOD)		118.49	117.63	117.26	113.94	113.50	113.41	112.20	108.98	107.32	107.83	

Appendix C Aurora Radiological Remediation Strategy

REMEDIATION STRATEGY FOR RADIOACTIVE CONTAMINATION AT THE FORMER INSTITUTE OF ANIMAL HEALTH, COMPTON

2 AUGUST 2019

COMMERCIAL IN CONFIDENCE



Aurora Health Physics Services Ltd, 3 The Terrace,
Library Avenue, Harwell Oxford, Oxfordshire OX11 0SG.

Report Title:	Remediation Strategy for Radioactive Contamination at the Former Institute of Animal Health, Compton
Customer Contact:	Regulation 13, Senior Specialist Public Sector Land
Customer Address:	Homes England 2 Rivergate Temple Quay Bristol BS1 6EH
Telephone:	Regulation 13
Date:	3 December 2018
Reference:	AHP/HOE/RPA/REP/18/02
Please Contact:	Regulation 13
Telephone:	01235 820049
Mobile:	07557 161443
Email:	Regulation 13@aurorahp.co.uk

Issue	Date	Comments
Issue 1	7/12/18	Issued
Issue 2	15/5/19	Updated to include Phase 3 results
Issue 3	2/8/19	Updated to include AECOM Comments

	Name	Position	Date	Signature
Updated by	Regula [Redacted]	Radiation Protection Adviser (RPA) & Radioactive Waste Adviser (RWA)	2/8/19	Regulation 13 [Redacted]
Approver	Regul [Redacted]	Director, RPA & RWA	2/8/19	Regulation 13 [Redacted]

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Executive Summary

An outline strategy for the remediation of radioactive contamination on the former Institute of Animal Health at Compton has been developed. The strategy provides methods for further surveys, sampling and specialist laboratory analysis, excavation, assessment and disposal of radioactive waste (with estimated volumes) from the site and details the validation that will need to be performed following the remediation to revoke the Environmental Permit.

Contents

1	Site Boundary and Previous Radiological Surveys.....	5
2	Sampling Programme	7
3	Radiological Survey Work.....	7
3.1	Phase 3 Results.....	7
4	Outline of the Proposed Remediation Scheme.....	8
4.1	Remediation Methodology Bull Pens Pots	8
4.2	Remediation Methodology Sheep Pens Trenches	10
4.3	Remediation Methodology Site Burial Pits	10
4.4	Radiological support during Site Works.....	11
4.5	Waste accumulation.....	11
4.6	Waste inventory	13
4.7	Waste disposal	13
5	Validation.....	13
6	Radiological Clearance Survey	13
7	Final Reporting	14
8	Conclusions	14
9	References	15

1 Site Boundary and Previous Radiological Surveys

A plan showing the site boundary (in green) can be seen below in Figure 1. This is also the boundary of the Environmental Permit (Permit number EPR/BB33091DV) for the site. Radiological surveys, intrusive and non-intrusive, have been carried out on the site and buried radioactive waste has been identified. Figure 2 below shows the areas where radioactive materials have been used previously. Additional information is provided in the survey reports ^(1,2) and radiological desk study ⁽³⁾.

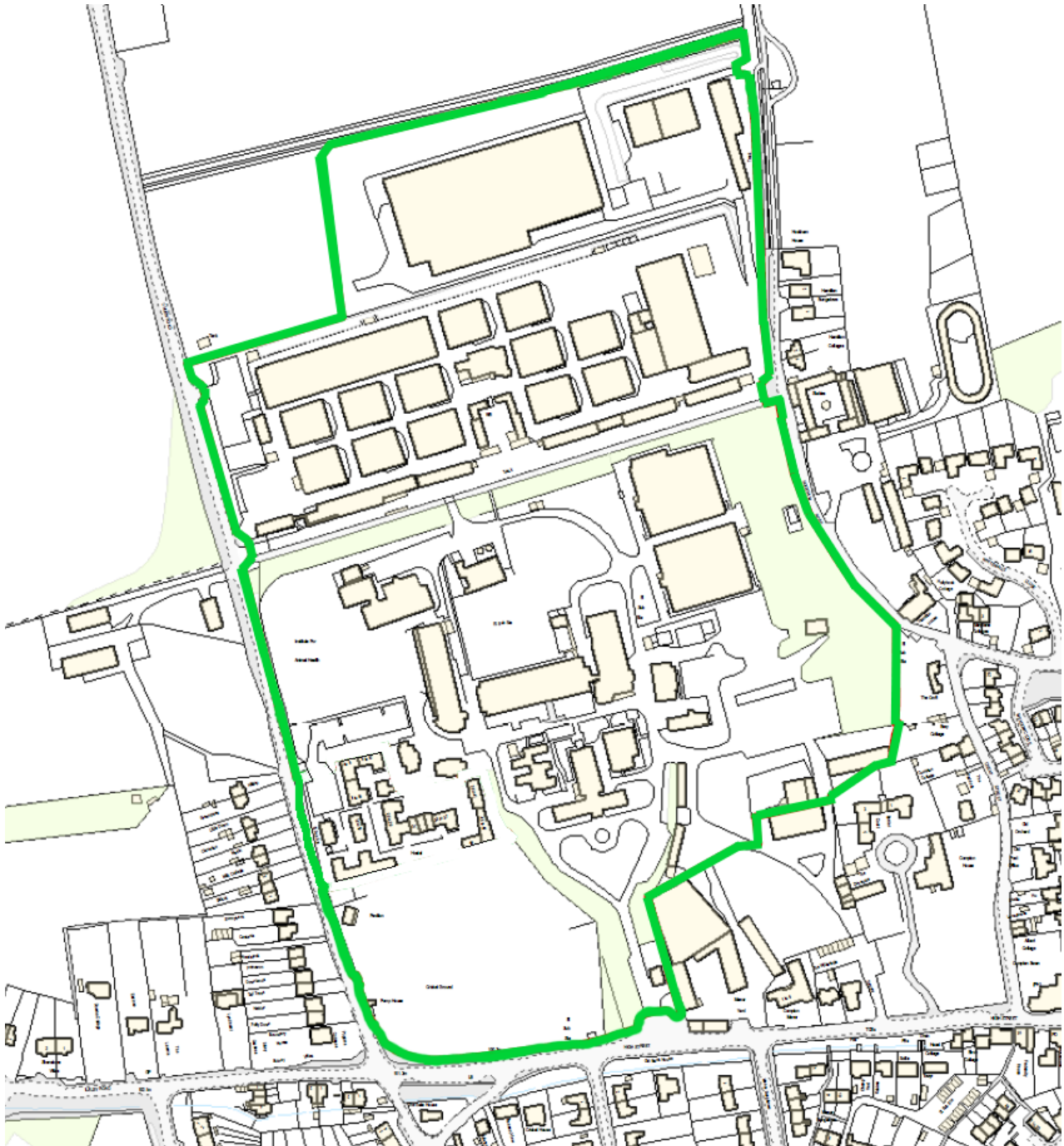


Figure 1 Plan showing the permitted site boundary

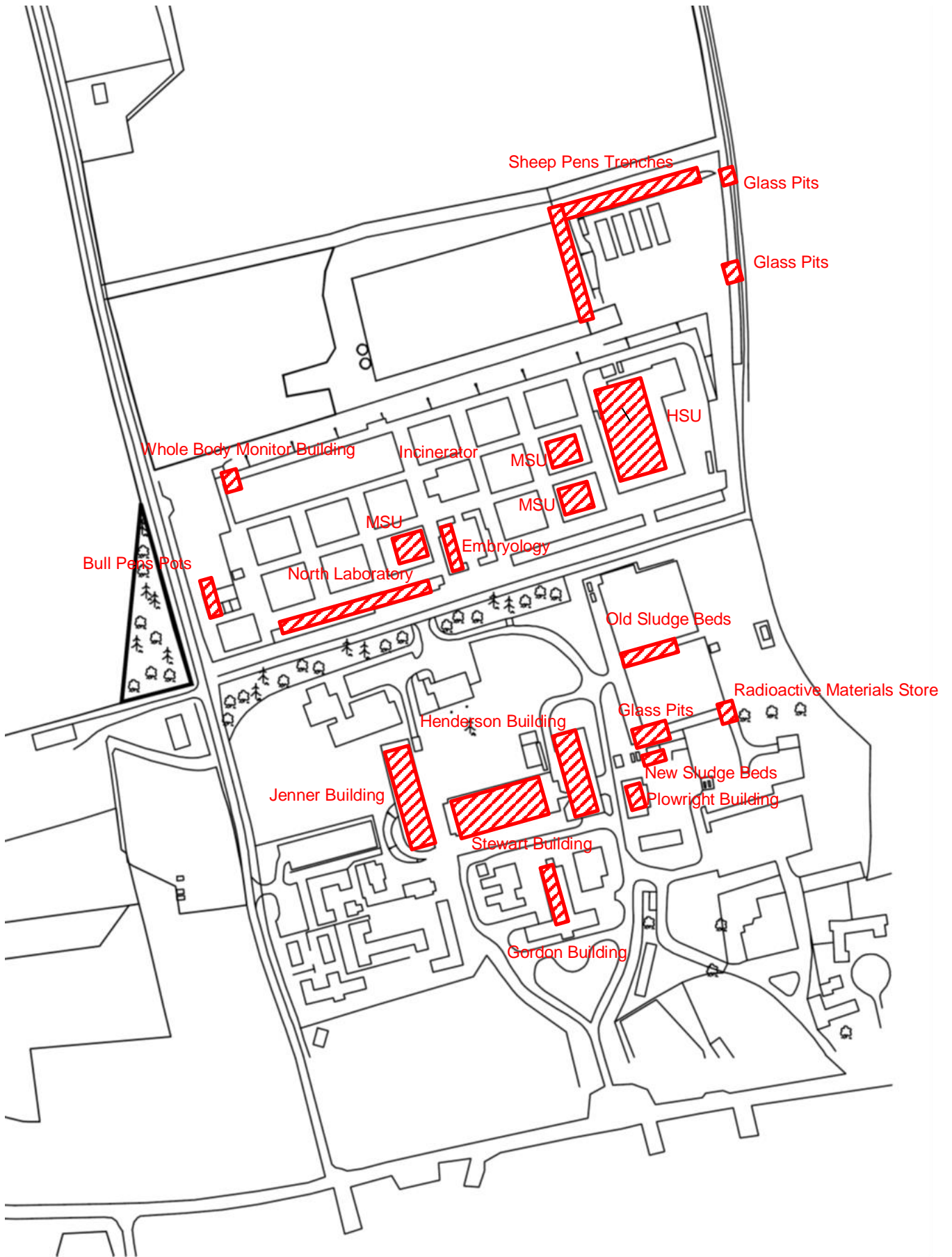


Figure 2 Areas of the site where radioactive materials have been used.

2 Sampling Programme

A significant amount of radiological sampling has already been conducted on known buried radioactive waste on the site. However some of the contaminated soils are still not fully characterised. The contaminated soil stored in pots (i.e. concrete cylindrical drainage tubes as shown in Figure 3 below) adjacent to the Bull Pens and the soil buried in the banks adjacent to the Sheep Pens contains mixed fission products and there are likely to be other radionuclides present which have not been analysed including ^{90}Sr and ^3H and ^{14}C . An additional radiochemistry analysis programme will be required for disposal of this soil. Some of the analysis can take 12 weeks to obtain results therefore the additional time and cost will need to be built in to any remediation programme.

3 Radiological Survey Work

Intrusive and non-intrusive radiological surveys have been conducted on the site ^(1,2). The surveys confirmed the location of radioactive waste burial pits marked on historic drawings. However burial pits to the east of Plowright building could not be identified, this area of the site has been significantly developed and it is likely the pits were either removed or built over. During future demolition works in this area it will be important to carry out additional radiological surveys to identify the pits or confirm they are no longer present.

A small building in the north west of the site housed the whole body monitor where the radioactivity content of cows was measured. During future demolition works in this area it will be important to carry out additional radiological surveys to determine if any radiological contamination is present.

Radiological surveys and sampling will also need to be carried out of the new and old sludge beds which are potentially contaminated with radiological effluents from the site.

3.1 Phase 3 Results

Additional investigatory work in the areas identified as the Sheep Pen Trenches and Bull Pen Pots was carried out in early 2019. The extent of the work in the trenches was restricted due to the presence of animal remains. The laboratory results⁽⁴⁾ from the single sample from the sheep pen trenches support the findings of the independent desk study (Reference AHP/HOE/RPA/REP/18/01) confirming the presence of caesium-137 in the Sheep Pen trenches with an activity concentration in this sample of 1.56 Bq/g, no tritium or carbon-14 was found in the single sample analysed from these trenches though strontium-90 was present with an activity concentration 0.16 Bq/g. The only sample taken from the sheep pen trenches was taken at the top of one trench where animal remains were found. The investigatory works identified that the sheep pen trenches had been covered by approximately 2 to 3 meters of chalk, topsoil and overgrown vegetation, no radiological contamination or animal remains were found during the site screening works within this top cover layer.

The samples taken from the Bull Pen pots identified the presence of tritium (<3Bq/g), minor quantities of carbon-14 (<0.03Bq/g), strontium-90, caesium-137, europium-152, americium-241 and plutonium-239. The presence of these isotopes supports the findings from the independent desk study that material associated with historical nuclear weapons testing was placed into the pots. The difference in activity concentrations between the 3 pots sampled suggest that different soil combinations were used in each pot and therefore, the other 38 know pots may have varying radionuclide fingerprints. No uranium isotopes were identified in the three pots sampled, though the history of this material means its presence cannot be discounted in the other 38 pots.

Aurora provided radiological monitoring of removed soil, equipment and personnel for one borehole and seven window sampling locations that were identified as being in close vicinity to areas of suspected buried radioactive contamination. No elevated radiation measurements were found during this monitoring.

4 Outline of the Proposed Remediation Scheme

Any waste identified as low level radioactive waste (LLW) will require an Environmental Permit to accumulate and dispose of radioactive waste from the Environment Agency (EA). The permit application has already been prepared by Aurora and submitted on behalf of Homes England. At the time of writing a draft Permit (Permit number EPR/BB33091DV) has been issued

Wastes will be segregated at the point of generation according to type of material and radiation readings. Sentencing of waste will be carried out only on the basis of sampling and/or in-situ measurements.

4.1 Remediation Methodology Bull Pens Pots

The soil buried in pots adjacent to the Bull Pens contains either caesium-137 only or mixed radionuclides including fission products at a range of activity concentrations ^(1,2). The pots are buried in banks against walls and will need to be carefully excavated to gain access as seen below in Figure 3. The waste soil will need to be removed from the pots and segregated into 'out of scope', 'exempt' and 'permitted' waste. It is also likely that the empty pots will be slightly contaminated and will need to be assessed for disposal. The permitted waste will need to be further segregated into the appropriate transport containers (e.g. bulk bags or steel drums) depending on the activity concentration.

An ISO freight container and a fenced compound will need to be established for the secure storage of waste.

Once the pots containing soil have been removed it is likely that the soil underneath the pots will have some levels of radiological contamination. This soil will need to be removed and analysed using a large 'excavator bucket monitor' radiation detector (see Figure 4 below), or other suitable

radiological surveying equipment, and placed into relevant containers for storage, sampling and disposal.



Figure 3 Buried pots north of the Bull Pens in 2012 (ref. 2)

Soil from each area will be excavated until no further radiation readings above normal fluctuations in background can be found.

At the end of each working day (and during the day depending on radiological tasks, etc.), the work area, personnel, tools and equipment will be monitored for contamination and equipment stored away.



Figure 4 Excavator bucket radiation detector in use

4.2 Remediation Methodology Sheep Pens Trenches

The bank adjacent to the Sheep Pens are known to contain trenches where radiologically contaminated animal carcasses and laboratory waste were buried ^(1, 2). Each of these trenches (see Figure 5 below) will need to be systematically excavated and removed soil analysed using a large 'excavator bucket monitor' radiation detector or similar and placed into relevant containers for storage, sampling and disposal.

**Figure 5. Sheep Pen trenches adjacent to north fence in 2012.**

4.3 Remediation Methodology Site Burial Pits

Burial pits containing laboratory waste were found to the east of the Sheep Pens, although no radioactive material was found. Removal of the laboratory waste from these pits should be carried out with assistance from a Radiation Protection Supervisor to confirm no radioactive materials are present and no radioactive markings are disposed to landfill.

If the burial pits to the east of Plowright Building are identified they may need to be remediated either with assistance from a Radiation Protection Supervisor to confirm no radioactive materials are present or if radioactive materials are identified, removed radioactive materials will need to be analysed using a large 'excavator bucket monitor' radiation detector and placed into relevant containers for storage, sampling and disposal.

4.4 Radiological support during Site Works

A suitably qualified Radiation Protection Team will be needed for the duration of the remediation project including Radiation Protection Adviser, Radioactive Waste Adviser, Dangerous Goods Safety Adviser, Radiation Protection Supervisor, and Radiation Protection Technicians. The Radiation Protection Team will need to use suitable radiation monitoring instruments and laboratory equipment during the site works and will need to supervise site activities to help ensure compliance with the Ionising Radiations Regulations 2017 (IRR17); and also help achieve compliance with the Site's Permit conditions.

The Project Radiation Protection Adviser (RPA) will provide advice on the amount and type of monitoring to be undertaken by the Team during the site works. This will include, but not be limited to:

- Workface operational monitoring – monitoring of arisings and the excavation for the presence of contaminated materials.
- Clearance monitoring – monitoring of vehicles, plant and personnel from the remediation areas.
- Routine surveys – surveys of work areas, change areas and transit areas.

Personnel considered most at risk during the work will be provided with personal dosimetry. Monitoring for airborne radioactivity will be carried out when applicable with the use of an air sampler located downwind and close to the working area. This is for reassurance purposes only. The filter papers will subsequently be counted on a drawer counter system and any anomalous readings further investigated. This will ensure that additional controls can be implemented should they be required.

4.5 Waste accumulation

Any waste accumulated or stored on site will be stored in a secure compound or secure ISO freight container (see Figures 6 and 7 below)

Arrangements for the collection and disposal of the material will be made as soon as is practicable after the completion of segregation works. All activities pertinent to the correct handling and packaging for transport of the material should be undertaken by a Dangerous Goods Safety Adviser (DGSA) who will ensure that the waste is packaged to meet the requirements of The Carriage of Dangerous Goods and the Use of Transportable Pressure Equipment Regulations 2009. The process of waste sampling, analysis and interpretation of results, waste assessment, contracts and arrangements with transport disposal contractors and statutory prior notification of the regulator can take several months to complete.



Figure 6 Storage of bagged radioactive contaminated soil in a secure compound



Figure 7 Storage of drummed radioactive materials in a secure container

4.6 Waste inventory

There are known to be at least 41 pots adjacent to the Bull Pens, each pot contains approximately 0.35 m³ of material weighing approximately 500kg. It is estimated that approximately 6.7m³ (9.5 te) of this waste is 'out of scope' waste not requiring a permit for disposal and 7.7m³ (11 te) (approximately 40 drums) of Low Level waste requiring specialist disposal under an Environmental Permit.

There are four trenches adjacent to the Sheep Pens. Two are adjacent to the north fence and two are adjacent to the west retaining wall. Each trench is approximately 25m long and approximately 1m wide and 1.6m in depth. The trenches are buried within a bank and below approximately 3 metres of chalk, topsoil and overgrown vegetation. In the trial pits dug during the phase 3 work, no animal remains or laboratory waste was found in this 3 metre top layer. Therefore, there is approximately 80m³ (112 te) of potentially contaminated soil waste that will need to be excavated, monitored and segregated. This waste is likely to be either exempt or low level radioactive waste as defined under the Environmental Permitting (England and Wales) Regulations 2016 as amended. The single sample collected from the trial pit in the sheep pen trenches identified Cs-137 above the out of scope limits.

4.7 Waste disposal

Waste sampling and assessment will be carried out to confirm the waste meets the acceptance criteria or Conditions for Acceptance (CFA) of the proposed disposal routes. Further separation or sorting may be required to separate waste into appropriate routes. It is likely that any disposal route will require a level of biological analysis of the sheep pen trench waste to confirm that the waste meets their CFA.

5 Validation

A representative number of samples will be taken from the base of each excavation and sent to a UKAS accredited laboratory for gamma spectrometry and radiochemistry analysis.

In addition, following removal from the site of all waste materials a final survey of the remediated area will be carried out to demonstrate that the previously contaminated areas and storage locations are down to levels that are not of regulatory concern.

6 Radiological Clearance Survey

The radiological clearance survey will use the same detector type (3" x 3" NaI RadSurvey detector) as the original survey⁽¹⁾. The remediated land and surrounding area will be surveyed. The survey report will be used to support the application to revoke the Environmental Permit.

7 Final Reporting

Following completion of all the site excavation, remediation, waste disposal, sampling and surveying works the Project Radiation Protection Adviser & Radioactive Waste Adviser will collate all the information from the works into a final report.

The final report will include:

- Survey information including;
 - Survey maps,
 - Personnel monitoring results
 - Operational monitoring logs
 - Air sample results
 - Radiochemical analysis results
- Description of all excavation and remediation works
- Records of all wastes – radioactive and non-radioactive including;
 - Waste logs
 - Disposal routes
 - Associated documentation
- Final survey and results of validation sampling
- Photographic records of the works
- Health and Safety performance including;
 - Any incidents or accidents
 - Near misses or abnormal occurrences
 - Personal dosimetry results
- Training records
- Audits
- Conclusions and recommendations

8 Conclusions

An outline strategy for the remediation of radioactive contamination on the former Institute of Animal Health at Compton has been developed. The remediation will require further surveys, sampling and specialist laboratory analysis, excavation, assessment and disposal of radioactive waste with support from a suitably qualified Radiation Protection Team. An estimated programme for the remediation is provided below in Table 1. On completion of remediation a validation process will need to be followed in order to revoke the Environmental Permit so that there are no further regulatory restrictions with respect to radioactive materials on the site.

Table 1 Outline remediation programme

	Duration
Apply for Environment Agency permit	12 weeks (completed)
Further survey and sampling	2 weeks
Laboratory analysis of samples	12 weeks
Excavation of contaminated materials	6 weeks
Analysis of radioactive waste	6 weeks
Transport of radioactive waste off site	4 weeks
Validation survey and sampling	6 weeks
Submit report & revoke Environment Agency permit	12 weeks

9 References

- 1 Radiological Survey at the Institute for Animal Health Compton Main Site Aurora Report AHP/RPA/RCUK/REP/2011/03 December 2011
- 2 Intrusive Radiological Survey and Sampling at the Institute for Animal Health Compton Aurora Report AHP/RPA/RCUK/REP/2012/04 August 2012
- 3 Independent Desk Study on the Radiological Status of the Former Institute of Animal Health at Compton Aurora Report AHP/HOE/RPA/REP/18/01 15 October 2018
- 4 SOCOTEC Soil Analysis Report 19-0165

Appendix D Public Health England Biological Risk Assessment



Public Health
England

Protecting and improving the nation's health

Former Pirbright Institute : Compton, Berkshire

Data Review and Risk Assessment of Biological Agent Persistence

About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. We do this through world-leading science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. We are an executive agency of the Department of Health and Social Care, and a distinct delivery organisation with operational autonomy. We provide government, local government, the NHS, Parliament, industry and the public with evidence-based professional, scientific and delivery expertise and support.

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Contents

About Public Health England	2
Executive summary	4
Background	5
Documents Provided for Review	5
Biological Agents for Review	5
Questions to be addressed during the Review Process	6
Data Review	6
1. Likely Hazard and Environmental Persistence	6
2. Sampling and Analysis Requirements	9
a. Additional Specific Risks Identified	10
3. Health and Safety Precautions	10
4. Future Land Use and Safe Levels	10
5. Conclusions	14

Executive summary

PHE were engaged by AECOM / Homes England to undertake a review of the various documents available describing the biological research activities on the Compton site of the Pirbright Institute. The specific query was to define the likely remaining hazard that the different pathogens that had been worked on at the site presented as well as their environmental persistence. To support this review, PHE were asked to provide advice on a sampling strategy, sample analysis and results interpretation to facilitate redevelopment of the site as residential housing.

Review of the provided documents indicated that the high risk area(s) with potential biological contamination may be narrowed down to the immediate vicinity of the high-security drain (pipe run) connecting the effluent sterilisation plant (also described variably as Effluent Treatment Plant, ETP) and laboratory building C044 (High Containment Unit). There was a second building connected to the ETP, but since it handled only Hazard Group 2 pathogens which have very limited environmental persistence, the risks from this unit were deemed to be minimal. The major risks surrounding the high-security drains are that numerous leak points have been identified and although documentary evidence suggests that it has been subject to decontamination using liquid disinfection, considerable biofilm build-up within the pipe run itself constitutes an ongoing high risk due to the known poor performance of disinfectants against biofilms.

The recommendation from PHE is that sample collection and analysis is not particularly indicated since these high risk areas are well identified. We suggest that since the proposal is to remove the soil surrounding the high security pipe runs and backfill with clean topsoil, that this be carried out as planned; PPE suitable to protect workers undertaking this activity has been indicated with suitable post work decontamination and clean up regimens proposed. At any stage of the redevelopment, PHE are happy to visit the site for technical consultation should risks not identified in any of the legacy documents be discovered or to undertake sample collection and/or analysis if deemed necessary.

Background

AECOM contacted PHE Porton for advice and help with regards to evaluating the residual risks that remain on the former Compton Institute site associated with previous use involving biological agents. All activities with biological agents ceased by 2014, the site was closed down and vacated and building decontamination undertaken using a variety of methods. A number of documents were made available to PHE for evaluation and review; the results of this critical review and our recommendations are presented here.

Documents Provided for Review

1. Compton risk assessment.docx
2. Copy of biologicalagents_summarytable_final.xlsx
3. IAH Compton Laboratory site_RA_AD_final.docx
4. letter 1.pdf
5. letter 2.pdf
6. Risk assessment IAH Compton.pdf
7. Site Investigation Specification HCA Compton ITT ISSUE V03.pdf
8. Phase 1 Geo-environmental Desk Study Report HCA Compton.pdf

Biological Agents for Review

Biological Agent	Hazard Group
Bacteria	
<i>Salmonella</i> and other enteric organisms	Group 2/3
Tuberculosis	Group 3
<i>Bordetella bronchiseptica</i>	Group 2
Pneumonia	Group 2
<i>Escherichia coli</i> (O157: H7)	Group 3
<i>Burkholderia pseudomallei</i>	Group 3
<i>Bacillus anthracis</i>	Group 3
Virus	
Respiratory syncytical virus	Group 2
Swine Influenza virus	Group 2
Avian Influenza virus	Group 2
Vaccinia Virus	Group 2
Newcastle Disease Virus	Group 2
Human immunodeficiency virus	Group 3
Hepatitis B and C	Group 3
Lymphocytic choriomeningitis virus (LMVC)	Group 3
Animal Transmissible Spongiform Encephalopathy (TSE)	
Bovine spongiform encephalopathy	Group 3
Scrapie	Group 2

Questions to be addressed during the Review Process

1. What is the likely hazard from these agents – are they likely to still be present in the environment in a viable form and therefore pose a potential health risk to the proposed works?
2. If that threat exists, what health, safety and environmental precautions should be taken during the site investigation? What specific sampling and laboratory testing protocols should be followed?
3. Are there specific sampling requirements in terms of how samples are obtained, packaged, stored and transported?
4. What should the samples be tested for?
5. What laboratory is able to test for these biological agents?
6. In terms of preparing the site for future redevelopment, what is a safe level for these agents? Would PHE be able to assist in the interpretation of the site investigation findings?

Data Review

1. Likely Hazard and Environmental Persistence

1. The pathogens that were in active use on the former Compton Laboratories site fall broadly into three categories as far as residual risks are concerned. The first category comprises those agents where environmental persistence is known to be short and risk from environmental contamination and subsequent infection is therefore extremely low. The second category comprises those pathogens which are known to persist in the environment for longer periods and therefore pose a risk, albeit in probability quite low. This statement is based upon the understanding that all work was conducted in containment buildings which would be regularly decontaminated after use and release to the environment would be consequently very low/negligible. These agents have readily available diagnostic methods by which environmental contamination may be determined by sample analysis. The final category consists of those agents which are known to persist and for which no readily available method of screening is currently available.
2. Agent categorisation according to the three groups noted above are as follows^{1, 2}:

¹ How long do nosocomial pathogens persist on inanimate surfaces? A systematic review
BMC Infectious Diseases20066:130 <https://doi.org/10.1186/1471-2334-6-130>

- a. Category 1: *Bordetella bronchiseptica*
Streptococcus pneumoniae (listed in the table as "Pneumonia")
Respiratory syncytial virus
Swine Influenza virus
Avian Influenza virus
Vaccinia virus
Newcastle Disease virus
HIV
Hepatitis B and C³
LCMV
- b. Category 2: *Salmonella* spp.
Tuberculosis
E.coli 0157:H7
Burkholderia pseudomallei
Bacillus anthracis
- c. Category 3: Bovine spongiform encephalopathy
Scrapie

3. The pathogens shown in category 1 can be eliminated as potential hazards since all have comparatively short environmental survivability and there are published data to support the range of environmental survival of all of these pathogens as days or weeks. The site has been closed since 2014 with much of the scientific work being stopped and relocated prior to that date. None of the pathogens in category 1 have been shown to survive for more than one year, thus our expert opinion is that none of these agents presents an ongoing risk in environmental samples at the Compton site, even if effluent pipes had been leaking untreated, infectious effluent into the ground at any stage.
4. Category 2 comprises the pathogens well-adapted to environmental survival. There have been numerous annual outbreaks of *Burkholderia pseudomallei* (Meliodosis) infections in tropical regions as a result of re-aerosolisation of this bacterium from soil as a consequence of heavy annual rainfall. Similarly *E. coli* 0157:H7 which has known, long-term environmental survival widely reported, occasionally resulting in outbreaks of disease⁴. Recent studies in our own laboratories indicated that

² Environmental Stability of Swine and Human Pandemic Influenza Viruses in Water under Variable Conditions of Temperature, Salinity, and pH. Appl. Environ. Microbiol. 2016 vol. 82 no. 13 3721-3726

³ Survival of enteric viruses on environmental fomites. Appl. Environ. Microbiol. 1994 vol. 60 no. 10 3704-3710

⁴ Survival of verocytotoxigenic Escherichia coli O157 in soil, water and on surfaces." Journal of Applied Microbiology 88.S1 (2000).

Salmonella spp. survive for considerable periods of time in environmental matrices and again these pose a potential risk. Tuberculosis (*Mycobacterium tuberculosis* & *Mycobacterium bovis* [Bovine TB]) are both listed as having been handled at Compton and both are known to persist in the environment in a latent state. Finally, *Bacillus anthracis* the causative agent of Anthrax has a considerable depth of data indicating that it can survive for at least 500 years in the environment.

5. Turning to the hazards that any of these pathogens in category 2 present, there are a number of considerations. The first question to answer is whether there is any indication in any of the supplied documentation that these pathogens were handled in buildings which were remotely connected to the sites' effluent treatment plant (ETP)? In one of the letters from Sharon Webster, she notes that the High Containment Unit and extension (animal housing; closed in 2007; C044) plus the experimental animal facility (EAH; C055; HG 2 pathogens only) were the only facilities connected to the remote ETP (C059). Moreover, the only pathogens handled in these units connected to the ETP (as far as the provided data confirm) were Bovine TB, *E. coli* 0157 and TSEs. Thus any pipe leakage between facilities have the potential for these three pathogens to be present in the ground surrounding the pipe runs (High Security Drains) and need to be handled accordingly.
6. In the various documents provided for review, we have found no evidence that other pathogens categorised here within category 2 were handled in facilities where there was potential for environmental release via links to effluent treatment plant or other similar decontamination system; this does not, however, mean that this was in fact the case as lack of available evidence does not necessarily translate into a safe environment. Assuming that facility decontamination was undertaken as described in the supplied risk assessment document (IAH Compton Laboratory site_RA_AD_final.docx), then there appear to be no residual risks associated with the **BACTERIAL** pathogens categorised in category 2.
7. The TSEs (Transmissible Spongiform Encephalopathies) which PHE have placed in category 3 are dealt with extensively in the document "Compton risk assessment.docx". Four hazardous waste streams were identified in this document; two were deemed to be of zero or negligible residual risk following treatment and disposal (by spreading to arable land) and the remaining two were assessed as low risk. The residual remaining risk resides in the slow environmental degradation and reduction in infectivity of these prions and transmission to humans from environmental sources is unknown but thought to be low for BSE and not a risk for Scrapie, which does not affect humans. The residual risk is probably only applicable should any of these former fields be used in the near future for grazing of ovine or caprine species. The intended use for redevelopment as housing stock should ensure that this issue does not arise; Table 1 in the Compton Risk Assessment on page 10 covers the various options for future land use.

2. Sampling and Analysis Requirements

1. On the basis of the above analysis, there is one key area in which additional safety precautions need to be applied due to the potential presence in the environment of pathogens. The main potential for accidental release is the pipework connecting building C044 to the effluent treatment plant, C059 (building C055 was built to house studies at CL3 but never used for that purpose). The risk assessment document which covers the majority of buildings on the Compton site (IAH Compton Laboratory site_RA_AD_final.docx) covers the risks associated from uncontrolled release from breaks in the pipework in detail on page 37.
2. It would be prudent when investigating the pipework to utilise the various inspection hatches described on page 37 of the above document to determine the integrity of the pipework. The author of this risk assessment raised concerns about the integrity of the older, cast-iron pipework leading to the ETP; this appears to be the most likely cause of any unintended release to the environment. The additional document (Phase 1 Geo-environmental Desk Study Report HCA Compton) indicates on the figure on page 55, the pipework areas that have already been identified as showing visible leak points. It is likely that further leak points exist and the pipework should be treated as such a risk.
3. The internal surfaces of this pipework were similarly identified as a high risk of contamination in the document cited in section 1 (IAH Compton Laboratory site_RA_AD_final.docx) and needs to be treated with care during removal. The risk assessment cited here is a good starting point when developing the site risk assessment for redevelopment.
4. If the intent upon redevelopment of this site is to dig out and dispose of removed soil by landfill from around these potentially contaminated areas, then there seems to be little value in sampling and analysing pathogens present in these locations. Should there be a decision made that sample analysis is desirable or required, then the key analyses should be to determine the presence of Bovine TB and *E. coli* 0157:H7 in any samples. Ideally one would also look for TSEs, but the lack of a reliable diagnostic marker makes such analyses difficult. The one biomarker identified for TSEs (PrP^d) has been demonstrated to be an unreliable marker of residual TSE infectivity in any samples that are not derived from infected animals/humans.
5. The data presented in the "Compton risk assessment.docx" indicates that TSEs when released into soil by burying brains from infected animals, do not become further disseminated by burial and that infectivity was 100-fold lower after 3 years in soil. Other reports suggest that infectivity of Scrapie persists for at least 16 years in the environment. It is prudent, therefore, to assume that any release of TSEs to the environment present an ongoing hazard and are treated accordingly. Animal excreta that were treated with 20,000ppm chlorine-containing disinfectant have been assessed as low to negligible residual risk when either composted and spread onto farm land or spread directly after disinfectant treatment.

a. Additional Specific Risks Identified

6. An additional document received at a later date than the other pieces of documentation, indicates the following additional risks and areas of concern.
7. In the document “Phase 1 Geo-environmental Desk Study Report HCA Compton”, page 31 notes the discovery of a double trench in which laboratory waste and animal bones had been buried. These present additional risk and should be handled as described in the subsequent sections. We understand from the narrative describing the remediation of these specific areas that they are scheduled for specialist disposal followed by (presumably) clean top-soil back-fill.
8. Similarly, page 33 refers to “three Anthrax burial pits” detailed in the *SKM Enviros, The Pirbright Institute Compton Farms Verification Report (July 2013)*. If still untreated, the areas surrounding and including these burial pits also require specialist disposal, remediation or capping. It may be advisable if the exact or approximate locations are well known to undertake a targeted sampling exercise and analysis for the presence of Anthrax spores in this area; the absence of any detectable spores may then be used to limit the quantity of soil disposed and thus requiring clean backfill.

3. Health and Safety Precautions

1. When collecting samples for analysis (should this be the decision), then readily available Personal Protective Equipment (PPE) should be employed by workers collecting samples and working in these potentially contaminated zones. We recommend that disposable gloves (latex or nitrile) are the key PPE to use, which should be supplemented by the use of disposable one-piece coveralls and wellington boots which can be decontaminated by washing & use of a surface disinfectant such as Sodium Hypochlorite or Virkon. The use of eye protection is advisable but we see no need for further respiratory protective equipment (RPE) use during the sampling process. Following work in these areas, it is prudent to clean soil from footwear and dispose of gloves and coveralls by sealing into bags for incineration or land-fill. Eye protection should be cleaned using a solution of sodium hypochlorite at a minimum of 2% and preferably 10-20% (10,000 to 20,000ppm available chlorine), by immersion and water washing. 10 minutes contact with a chlorine-based disinfectant should be the minimum disinfection treatment time considered, with a contact time of an hour desirable.

4. Future Land Use and Safe Levels

1. The first thing that should be noted is that there is no such thing as a zero risk level when applied to infectious disease pathogens. However, it is clear that a number of

the pathogenic organisms handled on the former Compton site are naturally environmental organisms and as such would be expected to be found in low numbers within the environment. Thus the output of any sampling and analysis need to be interpreted carefully.

2. Our recommendation is to sample the two key areas identified, unless the intent is to dig out and remediate these areas anyway. If this is the proposed solution, then we would not recommend sample collection and analysis, simply that sufficient material is removed from these identified higher risk areas and replacement with clean top-soil.
3. Should the decision be made, by the contractor undertaking this remediation work, that sample analysis is required, then PHE recommend that we are contacted for specific advice and invited to visit the site for a complete evaluation.
4. The table shown below is taken from this document: IAH Compton Laboratory site_RA_AD_final.docx and highlights the various key areas. Those identified in this review which is concerned with the risk around environmental contamination with biological agents are shown in yellow highlight in the table below:

Building ref	Building Name	Current status	Notes/comments	Residual risk of contamination with experimentally introduced organisms
C001	Greenfield Sheep Unit	Occupied and active, housing Pigs/cattle-	no active microbiological research but historical high risk work	Surfaces-LOW-MEDIUM (TSE's) Drains- Medium Slurry tanks- HIGH Air handling-
C0 02	Compound Sheep unit	Active-housing non-infected sheep	Not visited by contractor.	Surfaces-LOW Drains- LOW Air handling- LOW
C0 15	Pig Unit	Closed. housed non-infected pigs	Not visited by contractor (RA based on information from TPI staff)	Surfaces-LOW Drains- LOW- Air handling- LOW-
C018	Compound Unit 5/6	Closed	Not visited by contractor (RA based on information from TPI staff)	Surfaces-LOW Drains- LOW Air handling- LOW
C019	Compound Unit 9/10	Closed	Not visited by contractor (RA based on information from TPI staff)	Surfaces-LOW- Drains- LOW Air handling- LOW
C0 20	Compound Unit 11/12	Closed	No information from TPI staff or site visit	Surfaces-Not Known Drains- Not Known Air handling- Not Known
C0 21	Compound Unit 15/16	Closed	Not visited by contractor (RA based on information from	Surfaces- Not Known Drains- Not Known Air handling- Not Known

			TPI staff)	
C0 22	Compound Unit 17/18	Closed		Surfaces-LOW Drains-LOW Air handling-LOW
C0 23	North Laboratory	Closed	Not visited by contractor (RA based on information from TPI staff)	Surfaces-LOW Drains-LOW Air handling- LOW
C0 26	Compound Unit 19/20	Closed	No information from TPI staff or site visit	Surfaces- Not Known Drains- Not Known Air handling- Not Known
C0 31	Compound Unit 21/22	Closed	Not visited by contractor. No information from TPI staff or site visit	Surfaces- Not Known Drains- Not Known Air handling- Not Known
C0 32	Gnotobiotic Unit 23/24	Closed	Not visited by contractor	Surfaces-LOW Drains LOW Air handling- LOW
C0 33	Gnotobiotic Unit 25/26	Closed	Not visited by contractor	Surfaces-LOW Drains- LOW Air handling- LOW
C0 41	MSU 29/30	Closed	Enteric pathogens including Salmonella	Surfaces-LOW Drains (sinktraps)- - Medium Air handling-LOW
C0 42	MSU 31/32	Closed	Enteric pathogens and viral respiratory work	Surfaces-LOW Drains -LOW Air handling- LOW
C0 44	HSU	Closed in 2007- now locked and unoccupied	Prions, TB and enteric pathogens	Surfaces-MEDIUM (Prions) Drains-HIGH (Prions & TB) Air handling-MEDIUM-HIGH (Prions & TB)
C0 45	HSU CL 3 external unit	Closed	Mouse LCMV work	Surfaces-LOW Drains- LOW Air handling- N/A
C0 50	BSU	Closed	Prions & HG3 pathogens	Surfaces- MEDIUM (Prions) Drains- HIGH (Prions & TB) Air handling- MEDIUM-HIGH (Prions & design)
C0 52	SPF	Closed	Pathogen free animals- no deliberate pathogen work	Surfaces-LOW Drains- LOW Air handling- LOW
C0 55	EAH	Occupied and active	Risk assessment depends on clearance procedures	Surfaces-Not known Drains- Not known Air handling- Not known

			of building	
C0 56	PPU	Occupied and active	No biological agents used	Surfaces-LOW Drains- LOW Air handling- LOW
C0 59	Effluent Sterilisation Plant	Closed	Waste still in pipework	Surfaces-MEDIUM Drains-HIGH Air handling- N/A
C0 60	Jenner building	Closed October 2010- vacated 16/03/11-	Unoccupied- used to store equipment for disposal/transfer.	Surfaces-LOW Drains/condensers- LOW Air handling- LOW
C0 62	Stewart Building	Still in use for laboratory research and storage	Prions, TB, Eimeria - other areas Risk assessment depends on clearance procedures of building	Surfaces- LOW-MEDIUM Drains- Medium Air handling
C0 64	Henderson Building	Still in use for laboratory research and storage	Risk assessment depends on clearance procedures of building	Surfaces-Not known Drains- Not known Air handling- Not known
C0 66	Plowright Laboratory	Not occupied since 2005	Prions	Surfaces- MEDIUM (Prions) Drains/Showers- MEDIUM-HIGH (Prions) Air handling- MEDIUM-HIGH (Prions)
C0 69	Gordon Building	Ground floor only in use, rest locked and closed	Prions & TB, last used in 2011	Surfaces- MEDIUM (Prions, TB) Drains- HIGH (Prions, TB) Air handling-MED/HIGH (Prions, TB)
C0 70	Selborne Building	Closed - not vacated-	library materials still present	Surfaces-LOW Drains- LOW Air handling- LOW

5. Conclusions

Review of the documents provided by AECOM / Homes England for the residual environmental risks associated with the Compton site reveals a range of potential environmental risks. The key areas highlighted during this review are the remote effluent treatment plant (ETP), also referred to as the effluent sterilisation plant in some documents and the pipe runs connecting the ETP with the High Containment Unit and extension. The provided risk assessment documents indicate both inspection hatches present within this pipe run and also internal imaging of the pipework that indicate known leak points plus considerable internal biofilm build-up. PHE do not recommend extensive sample analysis as it is our understanding that the ground surrounding this pipe run is to be dug out, removed and back-filled with clean soil. The one area of advice where limited sample analysis may be of value is to determine and delineate the extent of the environmental contamination around the various pipe leak points.

We have given a recommendation on the personal protective equipment (PPE) that should be employed by workers in these high risk areas plus a suggested disinfection regimen for decontamination of foot and eye wear. If samples are to be analysed, then we recommend that these are analysed for the presence of *Salmonella* spp. and *E.coli* 0157 as markers of accidental environmental contamination of the ground surrounding the effluent pipework. These are analyses that can be conducted by PHE (we are also able to take these samples if required from the site) and these can be analysed by many competent environmental microbiology laboratories. We would be happy to make suggestions regards a suitable contractor if this is needed.

Appendix E AECOM Screened Tables

Table 1
Soil Analytical Results
Former Pirbright Institute
Homes England

Field ID	BH1	BH2	BH3	BH3	BH4	TP17	TP17	WS 07	WS 10	WS 10	WS 16	WS 16	WS 20	WS 20	WS 23	WS 23	WS 25A	WS 25A
Sample Depth Range	0.2	0.3	0.5	1.2	1	0.1	1	0.3	0.2	0.5	0.6	1.2	1.5	2	0.2	0.3-0.5	0.3	1
Strata	MG	MG	MG	MG	MG	MG: Capping	MG: Capping	MG	MG	Chalk	MG	MG	MG	Chalk	MG	Chalk	MG	Clay
Sampled Date Time	21/02/2019	19/02/2019	15/02/2019	15/02/2019	13/02/2019	06/02/2019	06/02/2019	18/01/2019	24/01/2019	24/01/2019	18/01/2019	18/01/2019	23/01/2019	23/01/2019	18/01/2019	18/01/2019	23/01/2019	23/01/2019

Chem Group	ChemName	output unit	EQL	GAC HH RES+PL SAND 0.58-1.45% ^{#7} TOC																		
	Beryllium	mg/kg	0.01	1.7 ^{#7}	-	-	-	-	-	0.353	0.0718	-	-	-	-	-	-	-	-	-	-	
	Boron	mg/kg	1	290 ^{#7}	<1	<1	1.38	<1	<1	1.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	
	Cadmium	mg/kg	0.02	11 ^{#7}	<0.02	0.133	0.288	0.25	0.214	0.327	0.109	2.18	0.561	0.104	0.295	0.192	0.241	0.183	0.109	0.0948	0.376	0.238
	Chromium (III+VI)	mg/kg	0.9	910 ^{#7}	7.48	7.03	9.16	13.9	9.28	9.68	1.59	6.59	3.92	1.57	11.8	18.5	19.4	6.46	6.71	1.16	12	8.98
	Copper	mg/kg	1.4	2,400 ^{#7}	50.9	6.41	10.1	11.2	9.25	6.96	<1.4	5.57	3.82	11.6	6.82	10	12.6	5.99	31.5	2.31	13.3	5.87
	Lead	mg/kg	0.7	200 ^{#6}	13.4	11.1	35	19.9	28.7	10.6	<0.7	110	32.3	34.4	7.44	9.4	18	3.16	2.14	<0.7	30.1	5.62
	Mercury	mg/kg	0.14	40 ^{#7}	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
	Nickel	mg/kg	0.2	130 ^{#7}	27.4	7.87	13.1	17.9	10.6	10.2	1.72	7.12	4.6	2.07	13.4	18.7	17.6	8.56	12.3	3.18	14.6	10.8
	Selenium	mg/kg	1	250 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Vanadium	mg/kg	0.2	410 ^{#7}	38.3	17.7	34	25.5	17.5	19.4	2.77	11.6	6.32	2.51	22.5	28.5	29.7	13	10.7	2.58	25.9	16.8
	Zinc	mg/kg	1.9	3,700 ^{#7}	42.5	34.2	106	57.8	53.9	54.9	11.2	464	80.3	19.2	40.3	52.6	62.9	24.7	10.3	13.5	82	40.1
Organics	TOC	%	0.2		5.48	0.231	0.603	1.15	0.519	1.05	<0.2	<0.2	<0.2	0.505	0.63	1.07	0.293	7.36	<0.2	1.98	0.367	
Inorganics	Sulphur	%	0.0016		-	-	-	-	-	0.0179	0.00851	-	-	-	-	-	-	-	-	-	-	-
	Cyanide Total	mg/kg	1	78 ^{#1}	<1	<1	<20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Sulphate	mg/kg	48		-	-	-	-	-	537	255	-	-	-	-	-	-	-	-	-	-	-
	Chloride	mg/kg	5		-	-	-	-	-	-	-	9.61	11.4	5.31	6.69	11.3	10	9.36	7.72	7.58	14.2	7.54
	Moisture	%			8.8	14	8.5	15	14	26	8.8	4.7	5.5	20	17	1.9	13	12	2.4	2.4	17	15
	pH (after HCL)	pH_Units			-	-	-	-	-	-	-	7.65	-	-	-	6.74	7.61	-	8.46	-	8.59	-
	Easily Liberated Sulphide (Moisture Corrected)	mg/kg	15		-	-	-	-	-	<15	<15	-	-	-	-	-	-	-	-	-	-	-
	Soluble Chloride	mg/kg	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	pH (Lab)	pH_Units	1		11.8 - 11.9	11.5 - 11.8	10.6 - 11.6	8.04 - 8.43	8.72 - 10.4	8.3 - 8.41	8.89 - 8.9	9.18 - 9.32	8.93	9.02	8.48	7.85 - 8.62	7.85 - 8.3	8.65	7.67 - 8.65	8.9	7.87 - 8.2	8.55
Other	Bis(2-chloroisopropyl)ether	mg/kg	0.1		-	-	-	-	-	<0.1	<0.1	<0.1	-	-	-	<0.1	<0.1	-	<0.1	-	<0.1	-
Asbestos	Asbestos Gravimetric Quantification	mass %	0.001		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - PCM Evaluation	%	0.001		-	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - Total - %	%	0.001		-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Comments**
#1 USEPA RSL (May 2019)
#2 LQM/CIEH S4ULs 2014
#3 EIC/AGS/CL:AIRE
#4 Dutch SRC 2009
#5 Dutch IV 2009
#6 Defra C4SL 12/2014
#7 AECOM (modified LQM/CIEH S4ULs)
#8 AECOM (modified EIC)

Table 1
Soil Analytical Results
Former Pirbright Insitute
Homes England

Field ID	WS 26	WS 28	WS 28	WS 30	WS 33	WS 33	WS 34	WS 34	WS 36	WS 37	WS 40	WS 40	WS 41	WS 41	WS 42	WS 43	WS 43	WS 45
Sample Depth Range	0.7	0.3	1	0.5	0.1	0.5	0.1	1	0.5	0.2	1	1.5	0.5	1	0.1	0.2	0.5	0.3
Strata	Chalk	MG	Silt	Chalk	Topsoil	Chalk	Topsoil	Chalk	Clay	Topsoil	MG	Silt	Clay	Chalk	Topsoil	MG	Sand	MG
Sampled Date Time	18/01/2019	24/01/2019	24/01/2019	23/01/2019	18/01/2019	18/01/2019	23/01/2019	23/01/2019	24/01/2019	22/01/2019	24/01/2019	24/01/2019	18/01/2019	18/01/2019	22/01/2019	22/01/2019	22/01/2019	22/01/2019

Chem Group	ChemName	output unit	EQL	GAC HH RES+PL SAND 0.58-1.45%TOC																
	Beryllium	mg/kg	0.01	1.7 ^{#7}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Boron	mg/kg	1	290 ^{#7}	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Cadmium	mg/kg	0.02	11 ^{#7}	0.111	0.678	0.166	0.0797	0.508	-	0.099	0.446	0.31	0.153	0.397	0.162	0.173	0.0787	0.395	0.627
	Chromium (III+VI)	mg/kg	0.9	910 ^{#7}	2.47	8.34	13.6	3.8	19.7	-	1.51	15.1	26	10.9	11.8	4.63	6.24	1.86	15.3	5.38
	Copper	mg/kg	1.4	2,400 ^{#7}	2.53	3.88	6.38	2.6	11	-	1.47	11.8	17.9	6.78	17.8	3.96	3.68	<1.4	12.5	7.52
	Lead	mg/kg	0.7	200 ^{#6}	1.29	17.1	7.6	1.05	16.5	-	0.912	24.5	27.7	11.1	19.9	2.84	4.24	0.744	19.5	64.9
	Mercury	mg/kg	0.14	40 ^{#7}	<0.14	<0.14	<0.14	<0.14	<0.14	-	<0.14	<0.14	<0.14	<0.14	0.192	<0.14	<0.14	<0.14	<0.14	<0.14
	Nickel	mg/kg	0.2	130 ^{#7}	3.06	5.16	11.7	3.82	19.4	-	1.73	16.3	28.6	10	13.3	7.23	6.31	2.03	18.7	8.04
	Selenium	mg/kg	1	250 ^{#7}	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Vanadium	mg/kg	0.2	410 ^{#7}	4.05	13.9	21.3	5.89	36.3	-	2.26	29.7	38.7	17	21.8	10.9	10.8	2.84	29.7	8.85
	Zinc	mg/kg	1.9	3,700 ^{#7}	14.4	47	40.6	15.1	68.6	-	10.7	72.7	92.4	35.2	116	16.4	22.7	9.83	58.4	185
Organics	TOC	%	0.2		<0.2	1.51	0.786	<0.2	1.24	-	<0.2	2.31	2.86	1.05	0.906	<0.2	0.542	<0.2	1.08	0.294
Inorganics	Sulphur	%	0.0016		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cyanide Total	mg/kg	1	78 ^{#1}	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Sulphate	mg/kg	48		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloride	mg/kg	5		7.23	10.4	32.1	12.4	24.2	9.58	8.71	14.3	12.5	7.9	11.4	5.99	49.4	7.69	8.99	18.1
	Moisture	%			18	2.4	4.3	17	18	18	19	20	20	15	2.4	0.99	16	4.8	17	7
	pH (after HCL)	pH_Units			-	8.34	-	-	-	-	-	-	-	-	8.42	-	-	8.44	-	6.56
	Easily Liberated Sulphide (Moisture Corrected)	mg/kg	15		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Soluble Chloride	mg/kg	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	pH (Lab)	pH_Units	1		8.98	7.75 - 8.43	8.36	8.91	8.51	-	8.63	7.63	8.06	8.06	7.86 - 8.14	8.8	8.69	7.85 - 8.76	8.13	7.88 - 8.89
Other	Bis(2-chloroisopropyl)ether	mg/kg	0.1		-	<0.2	-	-	-	-	-	-	-	-	<0.1	-	-	<0.1	-	<0.2
Asbestos	Asbestos Gravimetric Quantification	mass %	0.001		-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - PCM Evaluation	%	0.001		-	0.0039	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - Total - %	%	0.001		-	0.0043	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 USEPA RSL (May 2019)
#2 LQM/CIEH S4ULs 2014
#3 EIC/AGS/CL:AIRE
#4 Dutch SRC 2009
#5 Dutch IV 2009
#6 Defra C4SL 12/2014
#7 AECOM (modified LQM/CIEH S4ULs)
#8 AECOM (modified EIC)

Table 1
Soil Analytical Results
Former Pirbright Insitute
Homes England

Field ID	WS 45	WS 46	WS 46	WS01	WS02	WS03	WS03	WS04	WS04	WS05	WS05	WS06	WS06	WS09	WS09	WS11	WS12	WS13
Sample Depth Range	1	0.3	0.7	0.5	0.3	0.1	0.3	0.25	0.35	0.2	0.55	0.25	0.35	0.13-0.2	0.2-0.3	0.3	1	0.3
Strata	Clay	MG	Gravel	Chalk	Chalk	MG	Chalk	MG	Chalk	MG	Chalk	MG	Chalk	MG	Chalk	Chalk	Chalk	MG
Sampled Date Time	22/01/2019	22/01/2019	22/01/2019	31/01/2019	06/02/2019	06/02/2019	06/02/2019	31/01/2019	31/01/2019	30/01/2019	30/01/2019	31/01/2019	31/01/2019	17/01/2019	17/01/2019	07/02/2019	15/01/2019	15/01/2019

Chem Group	ChemName	output unit	EQL	GAC HH RES+PL SAND 0.58-1.45%TOC																
	Beryllium	mg/kg	0.01	1.7 ^{#7}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Boron	mg/kg	1	290 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Cadmium	mg/kg	0.02	11 ^{#7}	0.143	0.332	0.113	0.0956	0.127	0.316	0.117	0.201	0.104	0.0587	0.106	0.158	0.091	0.115	0.0666	0.138
	Chromium (III+VI)	mg/kg	0.9	910 ^{#7}	15.5	9.55	8.88	1.44	1.49	3.74	2	3.61	2.23	1.74	1.09	4.01	1.44	5.08	1.11	1.74
	Copper	mg/kg	1.4	2,400 ^{#7}	8.74	13.8	5.18	<1.4	3.91	2.07	1.78	1.73	<1.4	2.59	<1.4	15	1.54	35.4	<1.4	24.7
	Lead	mg/kg	0.7	200 ^{#6}	8.33	23.5	6.65	<0.7	1.12	5.14	1.03	0.964	<0.7	0.817	<0.7	6.54	<0.7	6.95	<0.7	3.03
	Mercury	mg/kg	0.14	40 ^{#7}	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
	Nickel	mg/kg	0.2	130 ^{#7}	12.7	12.5	10.2	1.51	2	4.59	2.44	1.18	2.13	2.85	1.67	4.04	2.11	15.2	1.19	3.89
	Selenium	mg/kg	1	250 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Vanadium	mg/kg	0.2	410 ^{#7}	22.2	17.8	12.2	1.83	2.35	4.7	2.35	1.74	2.33	5.6	1.83	4.6	2.39	14.1	2.04	4.6
	Zinc	mg/kg	1.9	3,700 ^{#7}	45.2	53.1	23.9	8.7	15.3	27.4	11.7	7.79	10.3	8.55	10.4	20.4	12.2	34	7.98	27.6
Organics	TOC	%	0.2		0.646	1.28	<0.2	<0.2	0.251	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	10.1	0.209	0.288	<0.2
Inorganics	Sulphur	%	0.0016		-	-	-	0.0093	0.00347	0.00523	0.00374	0.00364	0.0096	0.0181	0.00859	0.00624	0.00743	-	-	0.00833
	Cyanide Total	mg/kg	1	78 ^{#1}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Sulphate	mg/kg	48		-	-	-	279	104	157	112	109	288	542	258	187	223	-	-	250
	Chloride	mg/kg	5		10.9	9.95	7.82	-	-	-	-	-	-	-	-	-	-	-	-	-
	Moisture	%			1.1	14	1.1	20	20	3.6	11	1.8	18	9.3	16	7.1	22	21	19	20
	pH (after HCL)	pH_Units			-	8.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Easily Liberated Sulphide (Moisture Corrected)	mg/kg	15		-	-	-	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	-	-	<15
	Soluble Chloride	mg/kg	5		-	-	-	6.93	5.25	8.57	7.19	20.2	23.9	6.46	8.81	773	45.9	9.36	5.48	7.35
	pH (Lab)	pH_Units	1		8.27	7.96 - 8.12	8.77	9.29	9.08	8.88	9.11	9.31	9.51	8.89	9.23	9.06	9.18	9.18 - 9.62	8.98	10.6
Other	Bis(2-chloroisopropyl)ether	mg/kg	0.1		-	<0.1	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	<0.1	-	<0.1
Asbestos	Asbestos Gravimetric Quantification	mass %	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - PCM Evaluation	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - Total - %	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Comments**
#1 USEPA RSL (May 2019)
#2 LQM/CIEH S4ULs 2014
#3 EIC/AGS/CL:AIRE
#4 Dutch SRC 2009
#5 Dutch IV 2009
#6 Defra C4SL 12/2014
#7 AECOM (modified LQM/CIEH S4ULs)
#8 AECOM (modified EIC)

Table 1
Soil Analytical Results
Former Pirbright Insitute
Homes England

Field ID	WS13	WS17	WS17	WS18	WS19	WS19	WS21	WS21	WS21	WS21	WS22	WS24	WS24	WS25	WS27	WS29	WS31	WS31
Sample Depth Range	0.5	0.3	0.8	0.3	0.1	2.4	0.1-0.2	0.6-0.7	1.5	3.1	0.1-0.2	0.3	1.2	0.1-0.3	0.2	0.4	0.1	1.5
Strata	Clay	Chalk	Clay	Chalk	Topsoil	Chalk	MG	Chalk	Clay	Chalk	MG	Silt	Chalk	MG	MG	MG	MG	Clay
Sampled Date Time	15/01/2019	11/01/2019	11/01/2019	07/02/2019	11/01/2019	17/01/2019	16/01/2019	16/01/2019	17/01/2019	17/01/2019	21/01/2019	17/01/2019	17/01/2019	16/01/2019	16/01/2019	21/01/2019	07/02/2019	07/02/2019

Chem Group	ChemName	output unit	EQL	GAC HH RES+PL SAND 0.58-1.45%TOC																
	Beryllium	mg/kg	0.01	1.7 ^{#7}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Boron	mg/kg	1	290 ^{#7}	<1	<1	1.13	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Cadmium	mg/kg	0.02	11 ^{#7}	0.586	0.11	0.441	0.123	0.364	0.0815	0.179	0.0958	-	0.0816	0.179	0.17	0.0706	0.307	0.238	0.385
	Chromium (III+VI)	mg/kg	0.9	910 ^{#7}	24.9	2.18	16.6	1.03	16.5	1.14	9.96	2.22	-	1.41	5.84	5.19	1.98	12.5	14.1	10.7
	Copper	mg/kg	1.4	2,400 ^{#7}	17.9	2.24	11.1	3.26	12.8	<1.4	5.75	1.84	-	<1.4	13.2	13.3	1.57	9.21	40.4	11.6
	Lead	mg/kg	0.7	200 ^{#6}	28.4	<0.7	16.2	2.82	19	<0.7	7.56	<0.7	-	<0.7	5.49	11.7	<0.7	19.7	20.6	31
	Mercury	mg/kg	0.14	40 ^{#7}	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	-	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
	Nickel	mg/kg	0.2	130 ^{#7}	25.3	2.38	16.5	1.37	17.5	1.63	8.89	2.19	-	1.79	5.65	8.86	1.91	11.5	14.7	15.4
	Selenium	mg/kg	1	250 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1
	Vanadium	mg/kg	0.2	410 ^{#7}	38.5	3.47	27.3	1.64	28	2.82	14.4	3.56	-	2.84	10.4	10.8	2.89	20.7	50	18.9
	Zinc	mg/kg	1.9	3,700 ^{#7}	155	10.8	59.8	12.1	63.4	9.82	32.7	12.9	-	11	24.6	34.1	11.5	68.8	71.3	68.9
Organics	TOC	%	0.2		0.945	0.334	1.25	<0.2	2.17	<0.2	0.917	<0.2	-	<0.2	0.465	1	<0.2	1.44	1.22	1.13
Inorganics	Sulphur	%	0.0016		-	-	-	0.00664	-	-	-	-	-	-	-	-	-	-	-	0.00723
	Cyanide Total	mg/kg	1	78 ^{#1}	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1
	Sulphate	mg/kg	48		-	-	-	199	-	-	-	-	-	-	-	-	-	-	-	217
	Chloride	mg/kg	5		-	-	-	-	-	-	-	-	-	9.6	-	-	-	-	-	21.6
	Moisture	%			16	19	13	18	15	14	16	19	12	21	14	17	17	12	20	14
	pH (after HCL)	pH_Units			-	-	-	-	-	-	-	-	-	6.98	-	-	-	-	-	8.56
	Easily Liberated Sulphide (Moisture Corrected)	mg/kg	15		-	-	-	<15	-	-	-	-	-	-	-	-	-	-	-	<15
	Soluble Chloride	mg/kg	5		10	32.1	21.9	5.35	13.9	16.4	8.32	13.7	5.9	-	-	246	10.3	-	-	7.08
	pH (Lab)	pH_Units	1		8.56	9.19 - 9.42	8.41	9.39	8.09 - 8.5	9.18	8.21 - 8.22	8.73	8.05	9.16	8.35 - 8.37	9.17	8.21 - 8.22	8.5	8.54 - 8.79	8.43
Other	Bis(2-chloroisopropyl)ether	mg/kg	0.1		<0.1	<0.1	<0.1	-	<0.1	-	<0.1	<0.1	<0.1	-	<0.1	-	-	<0.1	-	<0.1
Asbestos	Asbestos Gravimetric Quantification	mass %	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - PCM Evaluation	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - Total - %	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Comments**
#1 USEPA RSL (May 2019)
#2 LQM/CIEH S4ULs 2014
#3 EIC/AGS/CL:AIRE
#4 Dutch SRC 2009
#5 Dutch IV 2009
#6 Defra C4SL 12/2014
#7 AECOM (modified LQM/CIEH S4ULs)
#8 AECOM (modified EIC)

Table 1
Soil Analytical Results
Former Pirbright Insitute
Homes England

Field ID	WS32	WS32	WS35	WS38	WS38	WS39	WS39	WS44	WS47	WS48	WS48	WS48	WS49	WS49	WS50	WS51	WS51	WS52
Sample Depth Range	0.3	1.8	0.4	0.2	0.7	0.2	0.7-0.9	0.9	0.5	0.3	3.5	4.5	0.7	1.2	1.5	1.2	2.3	0.1
Strata	MG	Silt	MG	MG	Gravel	MG	Clay	Clay	Clay	Clay	Gravel	Chalk	MG	Gravel	Silt	Gravel	Silt	Topsoil
Sampled Date Time	08/02/2019	08/02/2019	21/01/2019	21/01/2019	21/01/2019	21/01/2019	21/01/2019	09/01/2019	09/01/2019	09/01/2019	09/01/2019	09/01/2019	09/01/2019	09/01/2019	08/01/2019	08/01/2019	08/01/2019	25/01/2019

Chem Group	ChemName	output unit	EQL	GAC HH RES+PL SAND 0.58-1.45%TOC																
	Beryllium	mg/kg	0.01	1.7 ^{#7}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Boron	mg/kg	1	290 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Cadmium	mg/kg	0.02	11 ^{#7}	0.32	0.125	0.441	0.11	0.0537	0.442	0.328	0.319	0.221	0.249	0.129	0.125	0.314	0.293	0.276	0.313
	Chromium (III+VI)	mg/kg	0.9	910 ^{#7}	12.2	2.83	15.3	5.01	1.24	15.5	13.3	27.5	14	14.1	3.44	2.89	16	12.1	18.8	14
	Copper	mg/kg	1.4	2,400 ^{#7}	9.66	4.74	12.1	14.4	2.31	14.6	9.07	13.5	10.2	5.94	4.87	3.24	7.33	5.83	6.13	8.63
	Lead	mg/kg	0.7	200 ^{#6}	31.3	2.59	20.9	7.49	0.973	35	10.4	12.7	26.3	9.38	1.06	1.35	8.94	3.73	1.84	16.2
	Mercury	mg/kg	0.14	40 ^{#7}	<0.14	<0.14	<0.14	<0.14	<0.14	0.243	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
	Nickel	mg/kg	0.2	130 ^{#7}	13.6	9.36	18.8	8.81	3.3	18	16.2	27.4	10.3	11.8	6.91	5.2	13.7	11.1	15.3	10.2
	Selenium	mg/kg	1	250 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10
	Vanadium	mg/kg	0.2	410 ^{#7}	22.2	5.77	28.5	12.2	4.9	29.6	24.3	44.9	20.4	20.4	5.94	3.42	20.8	17.7	19.3	17.9
	Zinc	mg/kg	1.9	3,700 ^{#7}	51.7	23.9	59.6	13.9	5.32	75.8	42.6	63.3	48.7	35.2	17.3	18.6	40.1	31	35.6	64
Organics	TOC	%	0.2		0.548	<0.2	1.19	6.54	<0.2	1.86	0.573	0.781	0.354	0.326	<0.2	<0.2	0.519	0.315	<0.2	0.448
Inorganics	Sulphur	%	0.0016		0.00468	0.0168	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cyanide Total	mg/kg	1	78 ^{#1}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Sulphate	mg/kg	48		140	505	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Chloride	mg/kg	5		-	-	7.84	32.4	24.7	18.4	7.87	-	-	-	-	-	-	-	-	65.9
	Moisture	%			13	16	13	13	6.9	16	12	16	9.5	9	8.4	17	45	10	9.8	7.8
	pH (after HCL)	pH_Units			-	-	7.56	9.08	8.75	8.25	-	-	-	-	-	-	-	-	-	-
	Easily Liberated Sulphide (Moisture Corrected)	mg/kg	15		<15	<15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Soluble Chloride	mg/kg	5		6.96	20.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	pH (Lab)	pH_Units	1		8.54	8.2	8.17 - 8.29	7.84 - 9.01	7.68 - 8.72	7.92 - 8.22	8.53	8.41	8.54	8.47	8.97	9.14	8.42	8.85	8.85	8.78
Other	Bis(2-chloroisopropyl)ether	mg/kg	0.1		-	-	-	<0.5	<0.1	<0.1	-	-	-	-	-	<0.1	<0.1	-	-	-
Asbestos	Asbestos Gravimetric Quantification	mass %	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - PCM Evaluation	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - Total - %	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- Comments**
#1 USEPA RSL (May 2019)
#2 LQM/CIEH S4ULs 2014
#3 EIC/AGS/CL:AIRE
#4 Dutch SRC 2009
#5 Dutch IV 2009
#6 Defra C4SL 12/2014
#7 AECOM (modified LQM/CIEH S4ULs)
#8 AECOM (modified EIC)

Table 1
Soil Analytical Results
Former Pirbright Institute
Homes England

Field ID	WS52	WS53	WS54	WS54	WS55	WS56	WS56	WS56A	WS56A	WS57	WS58	WS58	WS58A	WS58A	WS59	WS59	WS59
Sample Depth Range	1	0.5	0.1	0.5	0.3	0.1	0.25	0.1	0.65	0.3	0.3	1	0.1	0.3	0.1	0.3	0.7
Strata	Clay	MG	MG	Chalk	Chalk	Topsoil	MG	MG	MG	Clay	Clay	Silt	Topsoil	MG	MG	Clay	Chalk
Sampled Date Time	25/01/2019	24/01/2019	25/01/2019	25/01/2019	29/01/2019	28/01/2019	28/01/2019	29/01/2019	29/01/2019	25/01/2019	25/01/2019	25/01/2019	28/01/2019	28/01/2019	28/01/2019	28/01/2019	28/01/2019

Chem Group	ChemName	output unit	EQL	GAC HH RES+PL SAND 0.58-1.45%TOC																	
	Beryllium	mg/kg	0.01	1.7 ^{#7}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Boron	mg/kg	1	290 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Cadmium	mg/kg	0.02	11 ^{#7}	0.171	0.27	0.238	0.103	0.0637	0.372	0.158	0.383	0.145	0.131	0.178	0.0902	0.292	0.234	0.366	0.209	0.149
	Chromium (III+VI)	mg/kg	0.9	910 ^{#7}	7.16	10.2	16.2	2.78	0.978	14.9	5.39	16.4	5.9	3.83	13.6	7.61	12.6	8.88	14.8	8.75	3.43
	Copper	mg/kg	1.4	2,400 ^{#7}	4.95	7.33	13.2	5.37	<1.4	13.8	5.04	21.2	4.77	2.88	9.48	5.82	11.5	7.13	13.6	7.16	3.95
	Lead	mg/kg	0.7	200 ^{#6}	3.77	9.53	22.8	9.5	<0.7	27.9	9.36	32.5	3.76	1.6	10.2	2.7	19.7	8.33	30.3	13.3	2.68
	Mercury	mg/kg	0.14	40 ^{#7}	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
	Nickel	mg/kg	0.2	130 ^{#7}	8.85	11.4	15.5	3.14	1.41	15.9	6.96	18.4	8.01	5.43	13.2	7.75	14.2	9.71	16.6	9.95	5.37
	Selenium	mg/kg	1	250 ^{#7}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Vanadium	mg/kg	0.2	410 ^{#7}	12.5	20.4	27.2	4.62	1.37	29.2	12.2	32.7	11.3	7.46	21.8	12.4	25.4	17.5	27.8	17.1	8.08
	Zinc	mg/kg	1.9	3,700 ^{#7}	24.8	41.4	65.3	17.4	9.65	68.2	26.6	80.2	22.3	17.5	43.5	23.1	59.3	39.1	69.4	45.1	19.6
Organics	TOC	%	0.2		<0.2	0.526	2.19	0.229	<0.2	1.83	<0.2	1.36	<0.2	0.415	0.251	1.34	0.529	1.72	0.601	<0.2	
Inorganics	Sulphur	%	0.0016		-	-	-	0.00915	0.0172	<0.0016	0.0174	0.0114	-	-	-	0.0247	0.0372	0.0147	0.0114	0.0141	
	Cyanide Total	mg/kg	1	78 ^{#1}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
	Sulphate	mg/kg	48		-	-	-	275	517	<48	523	341	-	-	741	1120	442	341	424		
	Chloride	mg/kg	5		6.92	10.8	8.97	7.23	-	-	-	-	5.86	<5	8.87	-	-	-	-	-	-
	Moisture	%			12	16	20	17	18	17	8.8	21	15	13	17	16	14	18	16	15	
	pH (after HCL)	pH Units			-	8.1	-	-	-	-	-	-	8.7	-	9.19	-	-	-	-	-	-
	Easily Liberated Sulphide (Moisture Corrected)	mg/kg	15		-	-	-	-	<15	<15	<15	<15	<15	-	-	<15	<15	<15	<15	<15	<15
	Soluble Chloride	mg/kg	5		-	-	-	7.79	14.3	7.43	12.5	<5	-	-	-	25.1	26.3	14.5	56.8	11.2	
	pH (Lab)	pH Units	1		8.65	7.85 - 8.29	7.96	8.66	8.97	8.16	8.84	8.15	9.03	8.49 - 8.59	8.42	7.73 - 8.65	8.59	8.61	8.22	8.79	9.1
Other	Bis(2-chloroisopropyl)ether	mg/kg	0.1		-	<0.1	-	-	<0.1	<0.1	-	-	<0.1	-	<0.1	-	-	<0.1	<0.1	<0.1	
Asbestos	Asbestos Gravimetric Quantification	mass %	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - PCM Evaluation	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Asbestos Quantification - Total - %	%	0.001		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Comments
#1 USEPA RSL (May 2019)
#2 LQM/CIEH S4ULs 2014
#3 EIC/AGS/CL:AIRE
#4 Dutch SRC 2009
#5 Dutch IV 2009
#6 Defra C4SL 12/2014
#7 AECOM (modified LQM/CIEH S4ULs)
#8 AECOM (modified EIC)

Table 2
Leachate Analytical Results
Former Pinfitt Institute
Home England

Table with columns: Field ID, Sample Depth, Date, and 52 parameters (WS 1-52). It lists various chemical compounds such as PCBs, PAHs, VOCs, and metals, with numerical data for each parameter.

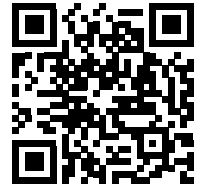
Comments: #1 WS Reg 2016 (Eng/Wat), #2 WHO Petrusm DWG 2008, #3 WHO DWG 2017, #4 WHO 2017 - Taste, #5 WHO 2017 - Oubor, #6 WFD England/Wales, 2015 - MAC-EQS Inland, #7 WFD England/Wales, 2015 - Freshwater Standards, #8 WFD England/Wales, 2015 - AA-EQS Inland, #9 Water Env Reg (Scotland) 2015 - AA-EQS Inland, #10 SEPA WAT-G-S-G Fresh EQS - MAC - 2015, #11 SEPA WAT-G-S-G Fresh EQS - AA - 2015, #12 PHCC (EU REACH) - Freshwater, #13 California DRL health protective concentration, #14 AECOM DWG (WHO method), GAC Gen Ref Assessment Criteria (blank). No assessment criteria available. - Not analysed.

Key: **0.01** Exceedance of CW/WE Water, DWIS - England/Wales. **0.02** Exceedance of CW/WE Water, Aquatic Toxicity - England/Wales - Freshwater.

Appendix F PHE Correspondence

Appendix G HazWasteOnline Results

Waste Classification Report



AKDN5-UAYE4-UGAVW

Job name

HCA Compton

Description/Comments

Project

HCA Compton

Site

Compton

Related Documents

#	Name	Description
None		

Waste Stream Template

HCA V1

Classified by

Name:

Regulation 13

Date:

20 Jun 2019 13:01 GMT

Telephone:

0161 **Regula**

Company:

AECOM Infrastructure & Environment (UK) Limited

Brunel House

54 Princess Street

Manchester

M1 6HS

Report

Created by: **Regulation 13**

Created date: 20 Jun 2019 13:01 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	BH1 0.2 MG 43517	0.2	Hazardous	HP 3(i), HP 8	4
2	BH2 0.3 MG 43515	0.3	Hazardous	HP 3(i), HP 8	7
3	BH3 0.5 MG 43511	0.5	Hazardous	HP 3(i), HP 8	10
4	BH3 1.2 MG 43511	1.2	Potentially Hazardous	HP 3(i)	13
5	BH4 1 MG 43509	1	Potentially Hazardous	HP 3(i)	16
6	TP17 0.1 MG: Capping 43502	0.1	Potentially Hazardous	HP 3(i)	19
7	TP17 1 MG: Capping 43502	1	Potentially Hazardous	HP 3(i)	23
8	WS 07 0.3 MG 43483	0.3	Non Hazardous		27
9	WS 10 0.2 MG 43489	0.2	Potentially Hazardous	HP 3(i)	31
10	WS 10 0.5 Chalk 43489	0.5	Potentially Hazardous	HP 3(i)	34
11	WS 16 0.6 MG 43483	0.6	Potentially Hazardous	HP 3(i)	37

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
12	WS 16 1.2 MG 43483	1.2	Potentially Hazardous	HP 3(i)	40
13	WS 20 1.5 MG 43488	1.5	Potentially Hazardous	HP 3(i)	44
14	WS 20 2 Chalk 43488	2	Potentially Hazardous	HP 3(i)	48
15	WS 23 0.2 MG 43483	0.2	Potentially Hazardous	HP 3(i)	51
16	WS 23 0.3-0.5 Chalk 43483	0.3-0.5	Non Hazardous		55
17	WS 25A 0.3 MG 43488	0.3	Potentially Hazardous	HP 3(i)	58
18	WS 25A 1 Clay 43488	1	Non Hazardous		62
19	WS 26 0.7 Chalk 43483	0.7	Potentially Hazardous	HP 3(i)	65
20	WS 28 0.3 MG 43489	0.3	Unclassifiable	HP 3(i), DVF	68
21	WS 28 1 Silt 43489	1	Potentially Hazardous	HP 3(i)	72
22	WS 30 0.5 Chalk 43488	0.5	Non Hazardous		75
23	WS 33 0.1 Topsoil 43483	0.1	Potentially Hazardous	HP 3(i)	78
24	WS 33 0.5 Chalk 43483	0.5	Non Hazardous		81
25	WS 34 0.1 Topsoil 43488	0.1	Non Hazardous		83
26	WS 34 1 Chalk 43488	1	Potentially Hazardous	HP 3(i)	86
27	WS 36 0.5 Clay 43489	0.5	Potentially Hazardous	HP 3(i)	89
28	WS 37 0.2 Topsoil 43487	0.2	Potentially Hazardous	HP 3(i)	92
29	WS 40 1 MG 43489	1	Potentially Hazardous	HP 3(i)	95
30	WS 40 1.5 Silt 43489	1.5	Non Hazardous		99
31	WS 41 0.5 Clay 43483	0.5	Potentially Hazardous	HP 3(i)	102
32	WS 41 1 Chalk 43483	1	Potentially Hazardous	HP 3(i)	105
33	WS 42 0.1 Topsoil 43487	0.1	Potentially Hazardous	HP 3(i)	109
34	WS 43 0.2 MG 43487	0.2	Potentially Hazardous	HP 3(i)	112
35	WS 43 0.5 Sand 43487	0.5	Potentially Hazardous	HP 3(i)	116
36	WS 45 0.3 MG 43487	0.3	Potentially Hazardous	HP 3(i)	120
37	WS 45 1 Clay 43487	1	Potentially Hazardous	HP 3(i)	124
38	WS 46 0.3 MG 43487	0.3	Potentially Hazardous	HP 3(i)	127
39	WS 46 0.7 Gravel 43487	0.7	Potentially Hazardous	HP 3(i)	131
40	WS01 0.5 Chalk 43496	0.5	Non Hazardous		135
41	WS02 0.3 Chalk 43502	0.3	Potentially Hazardous	HP 3(i)	138
42	WS03 0.1 MG 43502	0.1	Potentially Hazardous	HP 3(i)	141
43	WS03 0.3 Chalk 43502	0.3	Potentially Hazardous	HP 3(i)	145
44	WS04 0.25 MG 43496	0.25	Potentially Hazardous	HP 3(i)	149
45	WS04 0.35 Chalk 43496	0.35	Non Hazardous		153
46	WS05 0.2 MG 43495	0.2	Potentially Hazardous	HP 3(i)	157
47	WS05 0.55 Chalk 43495	0.55	Non Hazardous		161
48	WS06 0.25 MG 43496	0.25	Non Hazardous		165
49	WS06 0.35 Chalk 43496	0.35	Non Hazardous		168
50	WS09 0.13-0.2 MG 43482	0.13-0.2	Potentially Hazardous	HP 3(i)	171
51	WS09 0.2-0.3 Chalk 43482	0.2-0.3	Non Hazardous		175
52	WS11 0.3 Chalk 43503	0.3	Potentially Hazardous	HP 3(i)	178
53	WS12 1 Chalk 43480	1	Potentially Hazardous	HP 3(i)	181
54	WS13 0.3 MG 43480	0.3	Potentially Hazardous	HP 3(i)	184
55	WS13 0.5 Clay 43480	0.5	Potentially Hazardous	HP 3(i)	188
56	WS17 0.3 Chalk 43476	0.3	Non Hazardous		192
57	WS17 0.8 Clay 43476	0.8	Potentially Hazardous	HP 3(i)	196
58	WS18 0.3 Chalk 43503	0.3	Potentially Hazardous	HP 3(i)	200
59	WS19 0.1 Topsoil 43476	0.1	Potentially Hazardous	HP 3(i)	203
60	WS19 2.4 Chalk 43482	2.4	Potentially Hazardous	HP 3(i)	207
61	WS21 0.1-0.2 MG 43481	0.1-0.2	Potentially Hazardous	HP 3(i)	210
62	WS21 0.6-0.7 Chalk 43481	0.6-0.7	Non Hazardous		214
63	WS21 1.5 Clay 43482	1.5	Potentially Hazardous	HP 3(i)	218
64	WS21 3.1 Chalk 43482	3.1	Non Hazardous		222
65	WS22 0.1-0.2 MG 43486	0.1-0.2	Potentially Hazardous	HP 3(i)	224
66	WS24 0.3 Silt 43482	0.3	Non Hazardous		228
67	WS24 1.2 Chalk 43482	1.2	Potentially Hazardous	HP 3(i)	230
68	WS25 0.1-0.3 MG 43481	0.1-0.3	Potentially Hazardous	HP 3(i)	233
69	WS27 0.2 MG 43481	0.2	Non Hazardous		237
70	WS29 0.4 MG 43486	0.4	Potentially Hazardous	HP 3(i)	239

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
71	WS31 0.1 MG 43503	0.1	Potentially Hazardous	HP 3(i)	243
72	WS31 1.5 Clay 43503	1.5	Potentially Hazardous	HP 3(i)	246
73	WS32 0.3 MG 43504	0.3	Potentially Hazardous	HP 3(i)	249
74	WS32 1.8 Silt 43504	1.8	Potentially Hazardous	HP 3(i)	252
75	WS35 0.4 MG 43486	0.4	Non Hazardous		255
76	WS38 0.2 MG 43486	0.2	Potentially Hazardous	HP 3(i)	258
77	WS38 0.7 Gravel 43486	0.7	Potentially Hazardous	HP 3(i)	262
78	WS39 0.2 MG 43486	0.2	Potentially Hazardous	HP 3(i)	266
79	WS39 0.7-0.9 Clay 43486	0.7-0.9	Potentially Hazardous	HP 3(i)	270
80	WS44 0.9 Clay 43474	0.9	Non Hazardous		273
81	WS47 0.5 Clay 43474	0.5	Non Hazardous		276
82	WS48 0.3 Clay 43474	0.3	Non Hazardous		279
83	WS48 3.5 Gravel 43474	3.5	Non Hazardous		282
84	WS48 4.5 Chalk 43474	4.5	Non Hazardous		285
85	WS49 0.7 MG 43474	0.7	Potentially Hazardous	HP 3(i)	288
86	WS49 1.2 Gravel 43474	1.2	Non Hazardous		292
87	WS50 1.5 Silt 43473	1.5	Potentially Hazardous	HP 3(i)	296
88	WS51 1.2 Gravel 43473	1.2	Potentially Hazardous	HP 3(i)	299
89	WS51 2.3 Silt 43473	2.3	Potentially Hazardous	HP 3(i)	302
90	WS52 0.1 Topsoil 43490	0.1	Potentially Hazardous	HP 3(i)	305
91	WS52 1 Clay 43490	1	Potentially Hazardous	HP 3(i)	308
92	WS53 0.5 MG 43489	0.5	Potentially Hazardous	HP 3(i)	311
93	WS54 0.1 MG 43490	0.1	Potentially Hazardous	HP 3(i)	315
94	WS54 0.5 Chalk 43490	0.5	Potentially Hazardous	HP 3(i)	318
95	WS55 0.3 Chalk 43494	0.3	Potentially Hazardous	HP 3(i)	321
96	WS56 0.1 Topsoil 43493	0.1	Potentially Hazardous	HP 3(i)	324
97	WS56 0.25 MG 43493	0.25	Potentially Hazardous	HP 3(i)	328
98	WS56A 0.1 MG 43494	0.1	Potentially Hazardous	HP 3(i)	332
99	WS56A 0.65 MG 43494	0.65	Potentially Hazardous	HP 3(i)	335
100	WS57 0.3 Clay 43490	0.3	Potentially Hazardous	HP 3(i)	338
101	WS58 0.3 Clay 43490	0.3	Potentially Hazardous	HP 3(i)	342
102	WS58 1 Silt 43490	1	Potentially Hazardous	HP 3(i)	345
103	WS58A 0.1 Topsoil 43493	0.1	Potentially Hazardous	HP 3(i)	349
104	WS58A 0.3 MG 43493	0.3	Potentially Hazardous	HP 3(i)	352
105	WS59 0.1 MG 43493	0.1	Potentially Hazardous	HP 3(i)	355
106	WS59 0.3 Clay 43493	0.3	Potentially Hazardous	HP 3(i)	359
107	WS59 0.7 Chalk 43493	0.7	Potentially Hazardous	HP 3(i)	363

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	367
Appendix B: Rationale for selection of metal species	371
Appendix C: Version	372

Classification of sample: BH1 0.2 MG 43517

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

Sample details

Sample Name:	LoW Code:
BH1 0.2 MG 43517	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.2 m	17 05 03 * (Soil and stones containing hazardous substances)
Moisture content:	
8.8%	
(no correction)	

Hazard properties

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

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

Because of determinand:

pH: (conc.: 11.7 pH)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

toluene: (conc.: 1.19e-06%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00604%)

Determinands

Moisture content: 8.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				84.7	mg/kg	1.32	111.832	mg/kg	0.0112 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				<0.02	mg/kg	1.142	<0.0228	mg/kg	<0.00000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				50.9	mg/kg	1.126	57.308	mg/kg	0.00573 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13.4	mg/kg		13.4	mg/kg	0.00134 %		
	082-001-00-6											

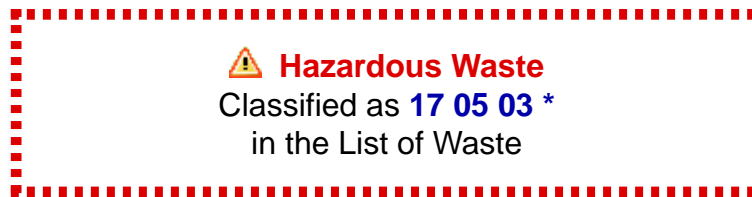
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				27.4 mg/kg	2.637	72.245 mg/kg	0.00722 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				38.3 mg/kg	1.785	68.373 mg/kg	0.00684 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				42.5 mg/kg	2.469	104.945 mg/kg	0.0105 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.045 mg/kg		<0.045 mg/kg	<0.0000045 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.075 mg/kg		<0.075 mg/kg	<0.0000075 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.085 mg/kg		<0.085 mg/kg	<0.0000085 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.075 mg/kg		<0.075 mg/kg	<0.0000075 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.075 mg/kg		<0.075 mg/kg	<0.0000075 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.09 mg/kg		<0.09 mg/kg	<0.000009 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.115 mg/kg		<0.115 mg/kg	<0.0000115 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.12 mg/kg		<0.12 mg/kg	<0.000012 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.075 mg/kg		<0.075 mg/kg	<0.0000075 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.59 mg/kg		<0.59 mg/kg	<0.000059 %		<LOD
29	TPH (C6 to C40) petroleum group				60.4 mg/kg		60.4 mg/kg	0.00604 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				0.0119 mg/kg		0.0119 mg/kg	0.00000119 %		
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1]	95-47-6 [1]							
		203-396-5 [2]	106-42-3 [2]							
		203-576-3 [3]	108-38-3 [3]							
	215-535-7 [4]	1330-20-7 [4]								
35	phenol				0.0205 mg/kg		0.0205 mg/kg	0.00000205 %		
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
37	pH				11.7 pH		11.7 pH	11.7 pH		
			PH							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0498 %		

Key

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

Classification of sample: BH2 0.3 MG 43515



Sample details

Sample Name:	LoW Code:	
BH2 0.3 MG 43515	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
14%		
(no correction)		

Hazard properties

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

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

Because of determinand:

pH: (conc.: 11.6 pH)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0187%)

Determinands

Moisture content: **14% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				8.64	mg/kg	1.32	11.408	mg/kg	0.00114 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.133	mg/kg	1.142	0.152	mg/kg	0.0000152 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				6.41	mg/kg	1.126	7.217	mg/kg	0.000722 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	11.1	mg/kg		11.1	mg/kg	0.00111 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				7.87	mg/kg	2.637	20.751	mg/kg	0.00208 %		
	028-009-00-5	232-104-9	7786-81-4									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				17.7	mg/kg	1.785	31.598	mg/kg	0.00316 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									
11	zinc { zinc sulphate }				34.2	mg/kg	2.469	84.45	mg/kg	0.00844 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				0.0532	mg/kg		0.0532	mg/kg	0.00000532 %		
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				0.146	mg/kg		0.146	mg/kg	0.0000146 %		
		205-912-4	206-44-0									
19	pyrene				0.136	mg/kg		0.136	mg/kg	0.0000136 %		
		204-927-3	129-00-0									
20	benzo[a]anthracene				0.0707	mg/kg		0.0707	mg/kg	0.00000707 %		
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				0.0584	mg/kg		0.0584	mg/kg	0.00000584 %		
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				0.0661	mg/kg		0.0661	mg/kg	0.00000661 %		
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				0.0434	mg/kg		0.0434	mg/kg	0.00000434 %		
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				0.0475	mg/kg		0.0475	mg/kg	0.00000475 %		
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				0.0866	mg/kg		0.0866	mg/kg	0.00000866 %		
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				0.0394	mg/kg		0.0394	mg/kg	0.00000394 %		
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				0.748	mg/kg		0.748	mg/kg	0.0000748 %		
29	TPH (C6 to C40) petroleum group				187	mg/kg		187	mg/kg	0.0187 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
35	phenol				0.0181 mg/kg		0.0181 mg/kg	0.0000181 %		
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
37	pH				11.6 pH		11.6 pH	11.6 pH		
			PH							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0363 %		

Key

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

Classification of sample: BH3 0.5 MG 43511

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

Sample details

Sample Name:	LoW Code:
BH3 0.5 MG 43511	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.5 m	17 05 03 * (Soil and stones containing hazardous substances)
Moisture content:	
8.5%	
(no correction)	

Hazard properties

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

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

Because of determinand:

pH: (conc.: 11.7 pH)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0409%)

Determinands

Moisture content: 8.5% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				16.6	mg/kg	1.32	21.917	mg/kg	0.00219 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.288	mg/kg	1.142	0.329	mg/kg	0.0000329 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				10.1	mg/kg	1.126	11.371	mg/kg	0.00114 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	35	mg/kg		35	mg/kg	0.0035 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				13.1	mg/kg	2.637	34.541	mg/kg	0.00345 %		
	028-009-00-5	232-104-9	7786-81-4									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				34	mg/kg	1.785	60.696	mg/kg	0.00607 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				1.38	mg/kg	3.22	4.443	mg/kg	0.000444 %		
	005-008-00-8	215-125-8	1303-86-2									
11	zinc { zinc sulphate }				106	mg/kg	2.469	261.745	mg/kg	0.0262 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.045	mg/kg		<0.045	mg/kg	<0.0000045 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				0.049	mg/kg		0.049	mg/kg	0.0000049 %		
		201-469-6	83-32-9									
15	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				1.53	mg/kg		1.53	mg/kg	0.000153 %		
		201-581-5	85-01-8									
17	anthracene				0.444	mg/kg		0.444	mg/kg	0.0000444 %		
		204-371-1	120-12-7									
18	fluoranthene				4.82	mg/kg		4.82	mg/kg	0.000482 %		
		205-912-4	206-44-0									
19	pyrene				4.3	mg/kg		4.3	mg/kg	0.00043 %		
		204-927-3	129-00-0									
20	benzo[a]anthracene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				2.07	mg/kg		2.07	mg/kg	0.000207 %		
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				2.09	mg/kg		2.09	mg/kg	0.000209 %		
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				1.39	mg/kg		1.39	mg/kg	0.000139 %		
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				3.28	mg/kg		3.28	mg/kg	0.000328 %		
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				1.12	mg/kg		1.12	mg/kg	0.000112 %		
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				25	mg/kg		25	mg/kg	0.0025 %		
29	TPH (C6 to C40) petroleum group				409	mg/kg		409	mg/kg	0.0409 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
35	phenol 604-001-00-2 203-632-7 108-95-2				0.0236 mg/kg		0.0236 mg/kg	0.00000236 %		
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<20 mg/kg	1.884	<37.68 mg/kg	<0.00377 %		<LOD
37	asbestos 650-013-00-6 ----- 12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5				1 mg/kg		1 mg/kg	0.0001 %		
38	pH PH				11.7 pH		11.7 pH	11.7 pH		
39	2-nitrophenol 201-857-5 88-75-5				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
40	2,4,6-trichlorophenol 604-018-00-5 201-795-9 88-06-2				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
41	2,4-dichlorophenol 604-011-00-7 204-429-6 120-83-2				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
42	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0 202-433-2 [1] 95-57-8 [1] 203-402-6 [2] 106-48-9 [2] 203-582-6 [3] 108-43-0 [3] 246-691-4 [4] 25167-80-0 [4]				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
43	pentachlorophenol 604-002-00-8 201-778-6 87-86-5				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
Total:								0.0931 %		

Key

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

Classification of sample: BH3 1.2 MG 43511

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
BH3 1.2 MG 43511	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1.2 m		
Moisture content:		
15% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.205%)

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				6.52 mg/kg	1.32	8.609 mg/kg	0.000861 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.25 mg/kg	1.142	0.286 mg/kg	0.0000286 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				11.2 mg/kg	1.126	12.61 mg/kg	0.00126 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	19.9 mg/kg		19.9 mg/kg	0.00199 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				17.9 mg/kg	2.637	47.197 mg/kg	0.00472 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				25.5 mg/kg	1.785	45.522 mg/kg	0.00455 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				57.8 mg/kg	2.469	142.725 mg/kg	0.0143 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				0.0344 mg/kg		0.0344 mg/kg	0.00000344 %			
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				0.0843 mg/kg		0.0843 mg/kg	0.00000843 %			
		205-912-4	206-44-0								
19	pyrene				0.0814 mg/kg		0.0814 mg/kg	0.00000814 %			
		204-927-3	129-00-0								
20	benzo[a]anthracene				0.034 mg/kg		0.034 mg/kg	0.0000034 %			
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				0.0348 mg/kg		0.0348 mg/kg	0.00000348 %			
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				0.0348 mg/kg		0.0348 mg/kg	0.00000348 %			
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				0.0246 mg/kg		0.0246 mg/kg	0.00000246 %			
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				0.0564 mg/kg		0.0564 mg/kg	0.00000564 %			
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.0191 mg/kg		0.0191 mg/kg	0.00000191 %			
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				0.404 mg/kg		0.404 mg/kg	0.0000404 %			
29	TPH (C6 to C40) petroleum group				2050 mg/kg		2050 mg/kg	0.205 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				0.0017 mg/kg		0.0017 mg/kg	0.00000172 %			
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	pH				8.58 pH		8.58 pH	8.58 pH		
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol				0.0049 mg/kg		0.0049 mg/kg	0.000000495 %		
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
Total:								0.234 %		

Key

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

Classification of sample: BH4 1 MG 43509

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: BH4 1 MG 43509	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 1 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 14% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0176%)

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				5.41	mg/kg	1.32	7.143	mg/kg	0.000714 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.214	mg/kg	1.142	0.244	mg/kg	0.0000244 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				9.25	mg/kg	1.126	10.414	mg/kg	0.00104 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	28.7	mg/kg		28.7	mg/kg	0.00287 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				10.6	mg/kg	2.637	27.949	mg/kg	0.00279 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				17.5	mg/kg	1.785	31.241	mg/kg	0.00312 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				53.9 mg/kg	2.469	133.095 mg/kg	0.0133 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.045 mg/kg		<0.045 mg/kg	<0.0000045 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.075 mg/kg		<0.075 mg/kg	<0.0000075 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.335 mg/kg		0.335 mg/kg	0.0000335 %		
		205-912-4	206-44-0							
19	pyrene				0.323 mg/kg		0.323 mg/kg	0.0000323 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.191 mg/kg		0.191 mg/kg	0.0000191 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.191 mg/kg		0.191 mg/kg	0.0000191 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.243 mg/kg		0.243 mg/kg	0.0000243 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.191 mg/kg		0.191 mg/kg	0.0000191 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.115 mg/kg		<0.115 mg/kg	<0.0000115 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.207 mg/kg		0.207 mg/kg	0.0000207 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.324 mg/kg		0.324 mg/kg	0.0000324 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.103 mg/kg		0.103 mg/kg	0.0000103 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				2.11 mg/kg		2.11 mg/kg	0.000211 %		
29	TPH (C6 to C40) petroleum group				176 mg/kg		176 mg/kg	0.0176 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				0.0027 mg/kg		0.0027 mg/kg	0.00000271 %		
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	<ul style="list-style-type: none"> • pH 		PH		9.58 pH		9.58 pH	9.58 pH		
38	<ul style="list-style-type: none"> • 2-nitrophenol 	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
39	<ul style="list-style-type: none"> • 2,4,6-trichlorophenol 	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
40	<ul style="list-style-type: none"> • 2,4-dichlorophenol 	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
41	<ul style="list-style-type: none"> • 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
42	<ul style="list-style-type: none"> • pentachlorophenol 	604-002-00-8	201-778-6	87-86-5	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
Total:								0.0427 %		

Key

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

Classification of sample: TP17 0.1 MG: Capping 43502

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
TP17 0.1 MG: Capping 43502	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
26%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00063%)

Determinands

Moisture content: 26% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				5 mg/kg	1.32	6.602 mg/kg	0.00066 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium oxide }				59.1 mg/kg	1.117	65.985 mg/kg	0.0066 %		
		215-127-9	1304-28-5							
4	beryllium { beryllium oxide }				0.353 mg/kg	2.775	0.98 mg/kg	0.000098 %		
	004-003-00-8	215-133-1	1304-56-9							
5	cadmium { cadmium oxide }				0.327 mg/kg	1.142	0.374 mg/kg	0.0000374 %		
	048-002-00-0	215-146-2	1306-19-0							
6	copper { dicopper oxide; copper (I) oxide }				6.96 mg/kg	1.126	7.836 mg/kg	0.000784 %		
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10.6 mg/kg		10.6 mg/kg	0.00106 %		
	082-001-00-6									
8	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel sulfate }				10.2 mg/kg	2.637	26.894 mg/kg	0.00269 %		
	028-009-00-5	232-104-9	7786-81-4							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
11	vanadium { divanadium pentaoxide; vanadium pentoxide }				19.4 mg/kg	1.785	34.633 mg/kg	0.00346 %		
	023-001-00-8	215-239-8	1314-62-1							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
12	boron { diboron trioxide; boric oxide }				1.01	mg/kg	3.22	3.252	mg/kg	0.000325 %		
	005-008-00-8	215-125-8	1303-86-2									
13	zinc { zinc sulphate }				54.9	mg/kg	2.469	135.564	mg/kg	0.0136 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
17	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
18	phenanthrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		201-581-5	85-01-8									
19	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
20	fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-912-4	206-44-0									
21	pyrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		204-927-3	129-00-0									
22	benzo[a]anthracene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3									
23	chrysene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9									
24	benzo[a]pyrene; benzo[def]chrysene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8									
25	indeno[123-cd]pyrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-893-2	193-39-5									
26	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
27	benzo[ghi]perylene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-883-8	191-24-2									
28	benzo[b]fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2									
29	benzo[k]fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9									
30	PAHs (total)				0.746	mg/kg		0.746	mg/kg	0.0000746 %		
31	TPH (C6 to C40) petroleum group				6.36	mg/kg		6.36	mg/kg	0.000636 %		
			TPH									
32	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
33	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
34	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
35	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
36	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
37	phenol				<0	mg/kg		<0	mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
38	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
39	polychlorobiphenyls; PCB				<0.021	mg/kg		<0.021	mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
40	Carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			86-74-8									
41	dichloromethane; methylene chloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
42	1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6									
43	1,2,3-trichlorobenzene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6									
44	1,3-dichloropropane				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9									
45	2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7									
46	2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7									
47	2-methyl naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6									
48	2-nitrophenol				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5									
49	4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3									
50	4-chlorophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3									
51	bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1									
52	bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5									
53	bromodichloromethane				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4									
54	carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8									
55	dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9									
56	dibromochloromethane				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1									
57	dichlorodifluoromethane				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8									
58	diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2									
59	dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3									
60	di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0									
61	hexachlorobutadiene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3									
62	hexachloroethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1									
63	n-butylbenzene				<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8									
64	sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8									
65	tert-butylbenzene				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
66	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
67	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
68	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		602-087-00-6	204-428-0							
69	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9							
70	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		602-067-00-7	208-792-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		602-035-00-2	203-400-5							
72	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8							
73	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		602-033-00-1	203-628-5							
74	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9							
75	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8							
76	2,4,6-trichlorophenol				<0 mg/kg		<0 mg/kg	<0%		<LOD
		604-018-00-5	201-795-9							
77	2,4-dichlorophenol				<0 mg/kg		<0 mg/kg	<0%		<LOD
		604-011-00-7	204-429-6							
78	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]							
			95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
79	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-002-00-8	201-778-6							
80	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		006-003-00-3	200-843-6							
81	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]							
			121-14-2 [1] 25321-14-6 [2]							
82	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0							
83	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		609-003-00-7	202-716-0							
			98-95-3							
84	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		612-137-00-9	203-401-0							
			106-47-8							
Total:								0.0307 %		

Key

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

Classification of sample: TP17 1 MG: Capping 43502

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
TP17 1 MG: Capping 43502	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m		
Moisture content:		
8.8% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00044%)

Determinands

Moisture content: 8.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium oxide }				7.82 mg/kg	1.117	8.731 mg/kg	0.000873 %		
		215-127-9	1304-28-5							
4	beryllium { beryllium oxide }				0.0718 mg/kg	2.775	0.199 mg/kg	0.0000199 %		
	004-003-00-8	215-133-1	1304-56-9							
5	cadmium { cadmium oxide }				0.109 mg/kg	1.142	0.125 mg/kg	0.0000125 %		
	048-002-00-0	215-146-2	1306-19-0							
6	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
8	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel sulfate }				1.72 mg/kg	2.637	4.535 mg/kg	0.000454 %		
	028-009-00-5	232-104-9	7786-81-4							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
11	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.77 mg/kg	1.785	4.945 mg/kg	0.000494 %		
	023-001-00-8	215-239-8	1314-62-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
12	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2								
13	zinc { zinc sulphate }				11.2 mg/kg	2.469	27.656	mg/kg	0.00277 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
14	naphthalene				<0.009 mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
15	acenaphthylene				<0.012 mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8								
16	acenaphthene				<0.008 mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9								
17	fluorene				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7								
18	phenanthrene				<0.015 mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8								
19	anthracene				<0.016 mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7								
20	fluoranthene				<0.017 mg/kg		<0.017	mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0								
21	pyrene				<0.015 mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0								
22	benzo[a]anthracene				<0.014 mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
23	chrysene				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
24	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
25	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5								
26	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
27	benzo[ghi]perylene				<0.024 mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2								
28	benzo[b]fluoranthene				<0.015 mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
29	benzo[k]fluoranthene				<0.014 mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
30	PAHs (total)				<0.118 mg/kg		<0.118	mg/kg	<0.0000118 %		<LOD
31	TPH (C6 to C40) petroleum group				4.42 mg/kg		4.42	mg/kg	0.000442 %		
			TPH								
32	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
33	benzene				<0.009 mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
34	toluene				<0.007 mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
35	ethylbenzene				<0.004 mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
36	xylene				<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<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]								
37	phenol				<0 mg/kg		<0	mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
38	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
39	polychlorobiphenyls; PCB				<0.021	mg/kg		<0.021	mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
40	Carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			86-74-8									
41	dichloromethane; methylene chloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
42	1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6									
43	1,2,3-trichlorobenzene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6									
44	1,3-dichloropropane				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9									
45	2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7									
46	2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7									
47	2-methyl naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6									
48	2-nitrophenol				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5									
49	4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3									
50	4-chlorophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3									
51	bis(2-chloroethoxy)methane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1									
52	bromochloromethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5									
53	bromodichloromethane				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4									
54	carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8									
55	dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9									
56	dibromochloromethane				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1									
57	dichlorodifluoromethane				<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8									
58	diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2									
59	dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3									
60	di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0									
61	hexachlorobutadiene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3									
62	hexachloroethane				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1									
63	n-butylbenzene				<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8									
64	sec-butylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8									
65	tert-butylbenzene				<0.014	mg/kg		<0.014	mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
66	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
67	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
68	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		602-087-00-6	204-428-0							
69	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9							
70	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		602-067-00-7	208-792-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		602-035-00-2	203-400-5							
72	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-060-00-9	203-623-8							
73	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		602-033-00-1	203-628-5							
74	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		602-065-00-6	204-273-9							
75	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-017-00-X	202-467-8							
76	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-018-00-5	201-795-9							
77	2,4-dichlorophenol				<0 mg/kg		<0 mg/kg	<0%		<LOD
		604-011-00-7	204-429-6							
78	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]							
			95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
79	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-002-00-8	201-778-6							
80	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		006-003-00-3	200-843-6							
81	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]							
			121-14-2 [1] 25321-14-6 [2]							
82	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		609-049-00-8	210-106-0							
83	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		609-003-00-7	202-716-0							
			98-95-3							
84	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		612-137-00-9	203-401-0							
			106-47-8							
Total:								0.0064 %		

Key

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

Classification of sample: WS 07 0.3 MG 43483

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

Sample details

Sample Name:	LoW Code:	
WS 07 0.3 MG 43483	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		
Moisture content:		
4.7%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 4.7% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				13.2 mg/kg	1.32	17.428 mg/kg	0.00174 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				2.18 mg/kg	1.142	2.49 mg/kg	0.000249 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				5.57 mg/kg	1.126	6.271 mg/kg	0.000627 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110 mg/kg		110 mg/kg	0.011 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				7.12 mg/kg	2.637	18.773 mg/kg	0.00188 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				11.6 mg/kg	1.785	20.708 mg/kg	0.00207 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				464 mg/kg	2.469	1145.754 mg/kg	0.115 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	M/C Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	0.0401 mg/kg		0.0401 mg/kg	0.00000401 %		
38	Carbazole			86-74-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	0.0134 mg/kg		0.0134 mg/kg	0.00000134 %		
40	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene		201-757-1	87-61-6	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
42	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
67	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
69	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
70	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.133 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS 10 0.2 MG 43489

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 10 0.2 MG 43489	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.2 m		
Moisture content:		
5.5% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00007%)

Determinands

Moisture content: 5.5% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				5.33 mg/kg	1.32	7.037 mg/kg	0.000704 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.561 mg/kg	1.142	0.641 mg/kg	0.0000641 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				3.82 mg/kg	1.126	4.301 mg/kg	0.00043 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	32.3 mg/kg		32.3 mg/kg	0.00323 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				4.6 mg/kg	2.637	12.129 mg/kg	0.00121 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				6.32 mg/kg	1.785	11.282 mg/kg	0.00113 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				80.3	mg/kg	2.469	198.285	mg/kg	0.0198 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0									
19	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0									
20	benzo[a]anthracene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				<0.118	mg/kg		<0.118	mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				0.734	mg/kg		0.734	mg/kg	0.0000734 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0275 %		

Key

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

Classification of sample: WS 10 0.5 Chalk 43489

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 10 0.5 Chalk 43489	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 20% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00014%)

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %			<LOD
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium oxide }				0.104 mg/kg	1.142	0.119 mg/kg	0.0000119 %			
	048-002-00-0	215-146-2	1306-19-0								
4	copper { dicopper oxide; copper (I) oxide }				11.6 mg/kg	1.126	13.06 mg/kg	0.00131 %			
	029-002-00-X	215-270-7	1317-39-1								
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	34.4 mg/kg		34.4 mg/kg	0.00344 %			
	082-001-00-6										
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel sulfate }				2.07 mg/kg	2.637	5.458 mg/kg	0.000546 %			
	028-009-00-5	232-104-9	7786-81-4								
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.51 mg/kg	1.785	4.481 mg/kg	0.000448 %			
	023-001-00-8	215-239-8	1314-62-1								
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %			<LOD
	005-008-00-8	215-125-8	1303-86-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				19.2 mg/kg	2.469	47.41 mg/kg	0.00474 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD	
		205-912-4	206-44-0								
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
		204-927-3	129-00-0								
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group				1.44 mg/kg		1.44 mg/kg	0.000144 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0115 %		

Key

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

Classification of sample: WS 16 0.6 MG 43483

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 16 0.6 MG 43483	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.6 m		
Moisture content:		
17%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00034%)

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				4.94 mg/kg	1.32	6.522 mg/kg	0.000652 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.295 mg/kg	1.142	0.337 mg/kg	0.0000337 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				6.82 mg/kg	1.126	7.679 mg/kg	0.000768 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	7.44 mg/kg		7.44 mg/kg	0.000744 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				13.4 mg/kg	2.637	35.332 mg/kg	0.00353 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				22.5 mg/kg	1.785	40.167 mg/kg	0.00402 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				40.3	mg/kg	2.469	99.513	mg/kg	0.00995 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				0.0602	mg/kg		0.0602	mg/kg	0.0000602 %		
		205-912-4	206-44-0									
19	pyrene				0.0516	mg/kg		0.0516	mg/kg	0.00000516 %		
		204-927-3	129-00-0									
20	benzo[a]anthracene				0.023	mg/kg		0.023	mg/kg	0.0000023 %		
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				0.0176	mg/kg		0.0176	mg/kg	0.00000176 %		
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				0.152	mg/kg		0.152	mg/kg	0.0000152 %		
29	TPH (C6 to C40) petroleum group				3.42	mg/kg		3.42	mg/kg	0.000342 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0209 %		

Key

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

Classification of sample: WS 16 1.2 MG 43483

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS 16 1.2 MG 43483	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
1.2 m	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content:	
1.9% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00063%)

Determinands

Moisture content: 1.9% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				6.79	mg/kg	1.32	8.965	mg/kg	0.000897 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.192	mg/kg	1.142	0.219	mg/kg	0.0000219 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				10	mg/kg	1.126	11.259	mg/kg	0.00113 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9.4	mg/kg		9.4	mg/kg	0.00094 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				18.7	mg/kg	2.637	49.306	mg/kg	0.00493 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				28.5	mg/kg	1.785	50.878	mg/kg	0.00509 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				52.6 mg/kg	2.469	129.885 mg/kg	0.013 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				6.3 mg/kg		6.3 mg/kg	0.00063 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
39	dichloromethane; methylene chloride				0.0219 mg/kg		0.0219 mg/kg	0.00000219 %		
	602-004-00-3	200-838-9	75-09-2							
40	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
41	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
42	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
43	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
44	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
45	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
46	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
47	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
48	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
49	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
50	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
51	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
52	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
53	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
54	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
55	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
56	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
57	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
58	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
59	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
60	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
61	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
62	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
63	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
64	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
65	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
66	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0277 %		

Key

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

Classification of sample: WS 20 1.5 MG 43488

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 20 1.5 MG 43488	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 1.5 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 13% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00019%)

Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				10.9	mg/kg	1.32	14.392	mg/kg	0.00144 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.241	mg/kg	1.142	0.275	mg/kg	0.0000275 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				12.6	mg/kg	1.126	14.186	mg/kg	0.00142 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18	mg/kg		18	mg/kg	0.0018 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				17.6	mg/kg	2.637	46.406	mg/kg	0.00464 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				29.7	mg/kg	1.785	53.02	mg/kg	0.0053 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				62.9 mg/kg	2.469	155.319 mg/kg	0.0155 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-912-4	206-44-0							
19	pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.3 mg/kg		0.3 mg/kg	0.00003 %		
29	TPH (C6 to C40) petroleum group				1.91 mg/kg		1.91 mg/kg	0.000191 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
39	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
40	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
41	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
42	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
43	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
44	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
45	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
46	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
47	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
48	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
49	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
50	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
51	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
52	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
53	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
54	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
55	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
56	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
57	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
58	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
59	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
60	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
61	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
62	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
63	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
64	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
65	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
66	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0314 %		

Key

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

Classification of sample: WS 20 2 Chalk 43488

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 20 2 Chalk 43488	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 2 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 12% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00059%)

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				3.4	mg/kg	1.32	4.489	mg/kg	0.000449 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.183	mg/kg	1.142	0.209	mg/kg	0.0000209 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				5.99	mg/kg	1.126	6.744	mg/kg	0.000674 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	3.16	mg/kg		3.16	mg/kg	0.000316 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				8.56	mg/kg	2.637	22.57	mg/kg	0.00226 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				13	mg/kg	1.785	23.207	mg/kg	0.00232 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				24.7 mg/kg	2.469	60.992 mg/kg	0.0061 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				5.9 mg/kg		5.9 mg/kg	0.00059 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0136 %		

Key

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

Classification of sample: WS 23 0.2 MG 43483

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 23 0.2 MG 43483	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.2 m		
Moisture content:		
2.4%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0012%)

Determinands

Moisture content: 2.4% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				4.1 mg/kg	1.32	5.413 mg/kg	0.000541 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.109 mg/kg	1.142	0.125 mg/kg	0.0000125 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				31.5 mg/kg	1.126	35.465 mg/kg	0.00355 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	2.14 mg/kg		2.14 mg/kg	0.000214 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				12.3 mg/kg	2.637	32.431 mg/kg	0.00324 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				10.7 mg/kg	1.785	19.101 mg/kg	0.00191 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				10.3 mg/kg	2.469	25.434 mg/kg	0.00254 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
19	benzo[ghi]perylene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-883-8	191-24-2								
20	PAHs (total)				0.989 mg/kg		0.989 mg/kg	0.0000989 %			
21	TPH (C6 to C40) petroleum group				12 mg/kg		12 mg/kg	0.0012 %			
			TPH								
22	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
23	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
24	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
25	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
26	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]								
27	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
28	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										
29	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.000021 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
30	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			86-74-8								
31	dichloromethane; methylene chloride				0.0613 mg/kg		0.0613 mg/kg	0.00000613 %			
	602-004-00-3	200-838-9	75-09-2								
32	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		211-135-1	630-20-6								
33	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
		201-757-1	87-61-6								
34	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
		205-531-3	142-28-9								
35	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		209-832-0	594-20-7								
36	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		202-079-9	91-58-7								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
41	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
42	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
43	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
44	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
47	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
48	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
52	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
54	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
56	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
57	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
58	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
59	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
61	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
62	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
64	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<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
	CLP index number	EC Number	CAS Number							
67	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
68	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
69	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
70	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
71	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
72	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
73	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
74	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0143 %		

Key

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

Classification of sample: WS 23 0.3-0.5 Chalk 43483

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

Sample details

Sample Name:	LoW Code:	
WS 23 0.3-0.5 Chalk 43483	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3-0.5 m		
Moisture content:		
2.4%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 2.4% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				0.614 mg/kg	1.32	0.811 mg/kg	0.0000811 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0948 mg/kg	1.142	0.108 mg/kg	0.0000108 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				2.31 mg/kg	1.126	2.601 mg/kg	0.00026 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				3.18 mg/kg	2.637	8.385 mg/kg	0.000838 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.58 mg/kg	1.785	4.606 mg/kg	0.000461 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				13.5 mg/kg	2.469	33.336 mg/kg	0.00333 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00589 %		

Key

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

Classification of sample: WS 25A 0.3 MG 43488

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS 25A 0.3 MG 43488	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
17%	
(no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0107%)

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				9 mg/kg	1.32	11.883 mg/kg	0.00119 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.376 mg/kg	1.142	0.43 mg/kg	0.000043 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				13.3 mg/kg	1.126	14.974 mg/kg	0.0015 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	30.1 mg/kg		30.1 mg/kg	0.00301 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				14.6 mg/kg	2.637	38.496 mg/kg	0.00385 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				25.9 mg/kg	1.785	46.236 mg/kg	0.00462 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				82 mg/kg	2.469	202.482 mg/kg	0.0202 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-469-6	83-32-9							
15	fluorene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-695-5	86-73-7							
16	anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-371-1	120-12-7							
17	dibenz[a,h]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3							
18	PAHs (total)				8.34 mg/kg		8.34 mg/kg	0.000834 %		
19	TPH (C6 to C40) petroleum group				107 mg/kg		107 mg/kg	0.0107 %		
			TPH							
20	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
21	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
22	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
23	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
24	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
25	phenol				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
26	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
27	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
28	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
29	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
30	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
31	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
32	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
33	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
34	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
35	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
36	2-nitrophenol				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		201-857-5	88-75-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
42	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
46	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
50	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
52	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
53	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
54	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
57	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
60	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
62	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
65	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
66	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
67	pentachlorophenol				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
68	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
69	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
70	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
71	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
72	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.047 %		

Key

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

Classification of sample: WS 25A 1 Clay 43488

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

Sample details

Sample Name:	LoW Code:	
WS 25A 1 Clay 43488	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1 m		
Moisture content:		
15%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
2	arsenic { arsenic trioxide }				4.56 mg/kg	1.32	6.021 mg/kg	0.000602 %			
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium oxide }				0.238 mg/kg	1.142	0.272 mg/kg	0.0000272 %			
	048-002-00-0	215-146-2	1306-19-0								
4	copper { dicopper oxide; copper (I) oxide }				5.87 mg/kg	1.126	6.609 mg/kg	0.000661 %			
	029-002-00-X	215-270-7	1317-39-1								
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	5.62 mg/kg		5.62 mg/kg	0.000562 %			
	082-001-00-6										
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel sulfate }				10.8 mg/kg	2.637	28.476 mg/kg	0.00285 %			
	028-009-00-5	232-104-9	7786-81-4								
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				16.8 mg/kg	1.785	29.991 mg/kg	0.003 %			
	023-001-00-8	215-239-8	1314-62-1								
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %			<LOD
	005-008-00-8	215-125-8	1303-86-2								
11	zinc { zinc sulphate }				40.1 mg/kg	2.469	99.019 mg/kg	0.0099 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<LOD
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
		201-469-6	83-32-9								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0184 %		

Key

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

Classification of sample: WS 26 0.7 Chalk 43483

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 26 0.7 Chalk 43483	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.7 m		
Moisture content:		
18%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00012%)

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				0.664 mg/kg	1.32	0.877 mg/kg	0.0000877 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.111 mg/kg	1.142	0.127 mg/kg	0.0000127 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				2.53 mg/kg	1.126	2.848 mg/kg	0.000285 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	1.29 mg/kg		1.29 mg/kg	0.000129 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				3.06 mg/kg	2.637	8.068 mg/kg	0.000807 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				4.05 mg/kg	1.785	7.23 mg/kg	0.000723 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				14.4	mg/kg	2.469	35.558	mg/kg	0.00356 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0									
19	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0									
20	benzo[a]anthracene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				<0.118	mg/kg		<0.118	mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				1.21	mg/kg		1.21	mg/kg	0.000121 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00655 %		

Key

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

Classification of sample: WS 28 0.3 MG 43489

✚ **Unclassifiable**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS 28 0.3 MG 43489	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.3 m	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	
2.4% (no correction)	

Unclassifiable

DVF: Determinand Validation Failure "the sample cannot be classified as one or more determinands have failed validation rules"

Validation rules triggered:

V010 "User defined determinands with one or more risk phrases should also have one or more hazard statements assigned"

Because of determinand:

Carbazole: (conc.: 0.00041%)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0991%)

Determinands

Moisture content: 2.4% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				4.22 mg/kg	1.32	5.572 mg/kg	0.000557 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.678 mg/kg	1.142	0.774 mg/kg	0.0000774 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				3.88 mg/kg	1.126	4.368 mg/kg	0.000437 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	17.1 mg/kg		17.1 mg/kg	0.00171 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				5.16 mg/kg	2.637	13.605 mg/kg	0.00136 %		
	028-009-00-5	232-104-9	7786-81-4							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				13.9	mg/kg	1.785	24.814	mg/kg	0.00248 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									
11	zinc { zinc sulphate }				47	mg/kg	2.469	116.057	mg/kg	0.0116 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-917-1	208-96-8									
14	benzo[b]fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2									
15	PAHs (total)				304	mg/kg		304	mg/kg	0.0304 %		
16	TPH (C6 to C40) petroleum group				991	mg/kg		991	mg/kg	0.0991 %		
			TPH									
17	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
18	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
19	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
20	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
21	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
22	phenol				<0	mg/kg		<0	mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2									
23	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
24	polychlorobiphenyls; PCB				<0.105	mg/kg		<0.105	mg/kg	<0.0000105 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
25	asbestos				0.0043	mg/kg		0.0043	mg/kg	0.00000043 %		
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5									
26	Carbazole				4.17	mg/kg		4.17	mg/kg	0.000417 %		
			86-74-8									
27	dichloromethane; methylene chloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
28	1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6									
29	1,2,3-trichlorobenzene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6									
30	1,3-dichloropropane				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
31	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
32	2-chloronaphthalene	202-079-9	91-58-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
33	2-methyl naphthalene	202-078-3	91-57-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
34	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
35	4-bromophenylphenylether	202-952-4	101-55-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
36	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
37	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
38	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
39	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
40	carbazole	201-696-0	86-74-8		4.17 mg/kg		4.17 mg/kg	0.000417 %			
41	dibenzofuran	205-071-3	132-64-9		1.51 mg/kg		1.51 mg/kg	0.000151 %			
42	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
43	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
44	diethyl phthalate	201-550-6	84-66-2		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
45	dimethyl phthalate	205-011-6	131-11-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
46	di-n-octyl phthalate	204-214-7	117-84-0		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
47	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
48	hexachloroethane	200-666-4	67-72-1		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
49	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD	
50	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
51	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
52	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
53	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
54	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
55	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
56	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD	
57	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
58	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
59	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
60	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
61	2,4,5-trichlorophenol				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
62	2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
63	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
64	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
65	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
66	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
67	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
68	2,6-dinitrotoluene				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
69	nitrobenzene				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
70	4-chloroaniline				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.15 %		

Key

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

Classification of sample: WS 28 1 Silt 43489

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS 28 1 Silt 43489	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m	
Moisture content:	
4.3% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00133%)

Determinands

Moisture content: 4.3% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				5.6	mg/kg	1.32	7.394	mg/kg	0.000739 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.166	mg/kg	1.142	0.19	mg/kg	0.000019 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				6.38	mg/kg	1.126	7.183	mg/kg	0.000718 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	7.6	mg/kg		7.6	mg/kg	0.00076 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				11.7	mg/kg	2.637	30.849	mg/kg	0.00308 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				21.3	mg/kg	1.785	38.024	mg/kg	0.0038 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				40.6 mg/kg	2.469	100.253 mg/kg	0.01 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				0.0175 mg/kg		0.0175 mg/kg	0.00000175 %		
		201-469-6	83-32-9							
15	fluorene				0.0168 mg/kg		0.0168 mg/kg	0.00000168 %		
		201-695-5	86-73-7							
16	phenanthrene				0.257 mg/kg		0.257 mg/kg	0.0000257 %		
		201-581-5	85-01-8							
17	anthracene				0.0679 mg/kg		0.0679 mg/kg	0.00000679 %		
		204-371-1	120-12-7							
18	fluoranthene				0.61 mg/kg		0.61 mg/kg	0.000061 %		
		205-912-4	206-44-0							
19	pyrene				0.452 mg/kg		0.452 mg/kg	0.0000452 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.263 mg/kg		0.263 mg/kg	0.0000263 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.25 mg/kg		0.25 mg/kg	0.000025 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.283 mg/kg		0.283 mg/kg	0.0000283 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.166 mg/kg		0.166 mg/kg	0.0000166 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				0.0502 mg/kg		0.0502 mg/kg	0.00000502 %		
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.212 mg/kg		0.212 mg/kg	0.0000212 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.253 mg/kg		0.253 mg/kg	0.0000253 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.099 mg/kg		0.099 mg/kg	0.0000099 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				3 mg/kg		3 mg/kg	0.0003 %		
29	TPH (C6 to C40) petroleum group				13.3 mg/kg		13.3 mg/kg	0.00133 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0219 %		

Key

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

Classification of sample: WS 30 0.5 Chalk 43488

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

Sample details

Sample Name:	LoW Code:	
WS 30 0.5 Chalk 43488	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		
Moisture content:		
17%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				1.86 mg/kg	1.32	2.456 mg/kg	0.000246 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0797 mg/kg	1.142	0.091 mg/kg	0.0000091 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				2.6 mg/kg	1.126	2.927 mg/kg	0.000293 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1.05 mg/kg		1.05 mg/kg	0.000105 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				3.82 mg/kg	2.637	10.072 mg/kg	0.00101 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				5.89 mg/kg	1.785	10.515 mg/kg	0.00105 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				15.1 mg/kg	2.469	37.286 mg/kg	0.00373 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00728 %		

Key

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

Classification of sample: WS 33 0.1 Topsoil 43483

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 33 0.1 Topsoil 43483	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.1 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 18% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00005%)

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				8.04	mg/kg	1.32	10.615	mg/kg	0.00106 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.508	mg/kg	1.142	0.58	mg/kg	0.000058 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				11	mg/kg	1.126	12.385	mg/kg	0.00124 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16.5	mg/kg		16.5	mg/kg	0.00165 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				19.4	mg/kg	2.637	51.152	mg/kg	0.00512 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				36.3	mg/kg	1.785	64.802	mg/kg	0.00648 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				68.6 mg/kg	2.469	169.394 mg/kg	0.0169 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				0.0441 mg/kg		0.0441 mg/kg	0.00000441 %		
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
		205-912-4	206-44-0							
19	pyrene				0.135 mg/kg		0.135 mg/kg	0.0000135 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0644 mg/kg		0.0644 mg/kg	0.00000644 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.066 mg/kg		0.066 mg/kg	0.0000066 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.0758 mg/kg		0.0758 mg/kg	0.00000758 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0391 mg/kg		0.0391 mg/kg	0.00000391 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.0525 mg/kg		0.0525 mg/kg	0.00000525 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0689 mg/kg		0.0689 mg/kg	0.00000689 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0362 mg/kg		0.0362 mg/kg	0.00000362 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.732 mg/kg		0.732 mg/kg	0.0000732 %		
29	TPH (C6 to C40) petroleum group				0.597 mg/kg		0.597 mg/kg	0.0000597 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				0.0012 mg/kg		0.0012 mg/kg	0.000000123 %		
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0335 %		

Key

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

Classification of sample: WS 33 0.5 Chalk 43483

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

Sample details

Sample Name:	LoW Code:	
WS 33 0.5 Chalk 43483	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		
Moisture content:		
18%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
3	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
4	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
5	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
6	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8							
7	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
8	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0							
9	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0							
10	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
11	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
12	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
13	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5							
14	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
15	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2							
16	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
17	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
18	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
19	TPH (C6 to C40) petroleum group				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			TPH							
20	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
21	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
22	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
23	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
24	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
25	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
26	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
27	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
28	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
29	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
30	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
31	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00005 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- <LOD Below limit of detection

Classification of sample: WS 34 0.1 Topsoil 43488

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

Sample details

Sample Name:	LoW Code:	
WS 34 0.1 Topsoil 43488	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.1 m		
Moisture content:		
19%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.099 mg/kg	1.142	0.113 mg/kg	0.0000113 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				1.47 mg/kg	1.126	1.655 mg/kg	0.000166 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	0.912 mg/kg		0.912 mg/kg	0.0000912 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				1.73 mg/kg	2.637	4.561 mg/kg	0.000456 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.26 mg/kg	1.785	4.035 mg/kg	0.000403 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				10.7 mg/kg	2.469	26.421 mg/kg	0.00264 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00469 %		

Key

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

Classification of sample: WS 34 1 Chalk 43488

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS 34 1 Chalk 43488	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m	
Moisture content:	
20%	
(no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00099%)

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				7.93 mg/kg	1.32	10.47 mg/kg	0.00105 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.446 mg/kg	1.142	0.509 mg/kg	0.0000509 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				11.8 mg/kg	1.126	13.285 mg/kg	0.00133 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	24.5 mg/kg		24.5 mg/kg	0.00245 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				16.3 mg/kg	2.637	42.978 mg/kg	0.0043 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				29.7 mg/kg	1.785	53.02 mg/kg	0.0053 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				72.7 mg/kg	2.469	179.518 mg/kg	0.018 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.127 mg/kg		0.127 mg/kg	0.0000127 %		
		205-912-4	206-44-0							
19	pyrene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0625 mg/kg		0.0625 mg/kg	0.00000625 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0614 mg/kg		0.0614 mg/kg	0.00000614 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.0679 mg/kg		0.0679 mg/kg	0.00000679 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0402 mg/kg		0.0402 mg/kg	0.00000402 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.0529 mg/kg		0.0529 mg/kg	0.00000529 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.111 mg/kg		0.111 mg/kg	0.0000111 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0357 mg/kg		0.0357 mg/kg	0.00000357 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.668 mg/kg		0.668 mg/kg	0.0000668 %		
29	TPH (C6 to C40) petroleum group				9.96 mg/kg		9.96 mg/kg	0.000996 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0344 %		

Key

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

Classification of sample: WS 36 0.5 Clay 43489

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 36 0.5 Clay 43489	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.5 m		
Moisture content:		
20%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00105%)

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				10.3 mg/kg	1.32	13.599 mg/kg	0.00136 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.31 mg/kg	1.142	0.354 mg/kg	0.0000354 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				17.9 mg/kg	1.126	20.153 mg/kg	0.00202 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	27.7 mg/kg		27.7 mg/kg	0.00277 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				28.6 mg/kg	2.637	75.409 mg/kg	0.00754 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				38.7 mg/kg	1.785	69.087 mg/kg	0.00691 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				92.4 mg/kg	2.469	228.163 mg/kg	0.0228 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				0.0553 mg/kg		0.0553 mg/kg	0.00000553 %		
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.168 mg/kg		0.168 mg/kg	0.0000168 %		
		205-912-4	206-44-0							
19	pyrene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0688 mg/kg		0.0688 mg/kg	0.00000688 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0678 mg/kg		0.0678 mg/kg	0.00000678 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.0763 mg/kg		0.0763 mg/kg	0.00000763 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0361 mg/kg		0.0361 mg/kg	0.00000361 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.0563 mg/kg		0.0563 mg/kg	0.00000563 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0726 mg/kg		0.0726 mg/kg	0.00000726 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0355 mg/kg		0.0355 mg/kg	0.00000355 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.787 mg/kg		0.787 mg/kg	0.0000787 %		
29	TPH (C6 to C40) petroleum group				10.5 mg/kg		10.5 mg/kg	0.00105 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0455 %		

Key

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

Classification of sample: WS 37 0.2 Topsoil 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 37 0.2 Topsoil 43487	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.2 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 15% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00027%)

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				4.89 mg/kg	1.32	6.456 mg/kg	0.000646 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.153 mg/kg	1.142	0.175 mg/kg	0.0000175 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				6.78 mg/kg	1.126	7.634 mg/kg	0.000763 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	11.1 mg/kg		11.1 mg/kg	0.00111 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				10 mg/kg	2.637	26.367 mg/kg	0.00264 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				17 mg/kg	1.785	30.348 mg/kg	0.00303 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				35.2 mg/kg	2.469	86.919 mg/kg	0.00869 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.0546 mg/kg		0.0546 mg/kg	0.00000546 %		
		205-912-4	206-44-0							
19	pyrene				0.0507 mg/kg		0.0507 mg/kg	0.00000507 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0247 mg/kg		0.0247 mg/kg	0.00000247 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0242 mg/kg		0.0242 mg/kg	0.00000242 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.0296 mg/kg		0.0296 mg/kg	0.00000296 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0275 mg/kg		0.0275 mg/kg	0.00000275 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.211 mg/kg		0.211 mg/kg	0.0000211 %		
29	TPH (C6 to C40) petroleum group				2.74 mg/kg		2.74 mg/kg	0.000274 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.018 %		

Key

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

Classification of sample: WS 40 1 MG 43489

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 40 1 MG 43489	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m		
Moisture content:		
2.4% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00637%)

Determinands

Moisture content: 2.4% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				6.67 mg/kg	1.32	8.807 mg/kg	0.000881 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.397 mg/kg	1.142	0.454 mg/kg	0.0000454 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				17.8 mg/kg	1.126	20.041 mg/kg	0.002 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	19.9 mg/kg		19.9 mg/kg	0.00199 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				0.192 mg/kg	1.353	0.26 mg/kg	0.000026 %		
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				13.3 mg/kg	2.637	35.068 mg/kg	0.00351 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				21.8 mg/kg	1.785	38.917 mg/kg	0.00389 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				116 mg/kg	2.469	286.438	mg/kg	0.0286 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0 mg/kg		<0	mg/kg	<0%		<LOD
		205-917-1	208-96-8								
14	acenaphthene				<0 mg/kg		<0	mg/kg	<0%		<LOD
		201-469-6	83-32-9								
15	fluorene				<0 mg/kg		<0	mg/kg	<0%		<LOD
		201-695-5	86-73-7								
16	anthracene				<0 mg/kg		<0	mg/kg	<0%		<LOD
		204-371-1	120-12-7								
17	dibenz[a,h]anthracene				<0 mg/kg		<0	mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3								
18	PAHs (total)				7.82 mg/kg		7.82	mg/kg	0.000782 %		
19	TPH (C6 to C40) petroleum group				63.7 mg/kg		63.7	mg/kg	0.00637 %		
			TPH								
20	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
21	benzene				<0.009 mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
22	toluene				<0.007 mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
23	ethylbenzene				<0.004 mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
24	xylene				<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<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]								
25	phenol				<0.001 mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
26	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
27	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021	mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3								
28	Carbazole				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			86-74-8								
29	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2								
30	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6								
31	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6								
32	1,3-dichloropropane				<0.007 mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9								
33	2,2-dichloropropane				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7								
34	2-chloronaphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7								
35	2-methyl naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6								
36	2-nitrophenol				<0.001 mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
42	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
46	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
50	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
52	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
53	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
54	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
57	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
60	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
62	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
66	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
67	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
68	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
69	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
70	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
71	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
72	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0491 %		

Key

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

Classification of sample: WS 40 1.5 Silt 43489

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

Sample details

Sample Name:	LoW Code:	
WS 40 1.5 Silt 43489	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		
Moisture content:		
0.99%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 0.99% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				2.77 mg/kg	1.32	3.657 mg/kg	0.000366 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.162 mg/kg	1.142	0.185 mg/kg	0.0000185 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				3.96 mg/kg	1.126	4.459 mg/kg	0.000446 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	2.84 mg/kg		2.84 mg/kg	0.000284 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				7.23 mg/kg	2.637	19.063 mg/kg	0.00191 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				10.9 mg/kg	1.785	19.459 mg/kg	0.00195 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				16.4 mg/kg	2.469	40.496 mg/kg	0.00405 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		0.0558 mg/kg		0.0558 mg/kg	0.00000558 %		
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		0.0834 mg/kg		0.0834 mg/kg	0.00000834 %		
19	pyrene	204-927-3	129-00-0		0.0578 mg/kg		0.0578 mg/kg	0.00000578 %		
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.0277 mg/kg		0.0277 mg/kg	0.00000277 %		
21	chrysene	601-048-00-0	205-923-4	218-01-9	0.021 mg/kg		0.021 mg/kg	0.0000021 %		
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.0175 mg/kg		0.0175 mg/kg	0.00000175 %		
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.0213 mg/kg		0.0213 mg/kg	0.00000213 %		
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				0.285 mg/kg		0.285 mg/kg	0.0000285 %		
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00989 %		

Key

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

Classification of sample: WS 41 0.5 Clay 43483

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 41 0.5 Clay 43483	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 16% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00072%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				2.47 mg/kg	1.32	3.261 mg/kg	0.000326 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.173 mg/kg	1.142	0.198 mg/kg	0.0000198 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				3.68 mg/kg	1.126	4.143 mg/kg	0.000414 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	4.24 mg/kg		4.24 mg/kg	0.000424 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				6.31 mg/kg	2.637	16.637 mg/kg	0.00166 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				10.8 mg/kg	1.785	19.28 mg/kg	0.00193 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				22.7 mg/kg	2.469	56.053 mg/kg	0.00561 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.0296 mg/kg		0.0296 mg/kg	0.00000296 %		
		205-912-4	206-44-0							
19	pyrene				0.027 mg/kg		0.027 mg/kg	0.0000027 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				7.27 mg/kg		7.27 mg/kg	0.000727 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0119 %		

Key

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

Classification of sample: WS 41 1 Chalk 43483

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 41 1 Chalk 43483	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m		
Moisture content:		
4.8%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00022%)

Determinands

Moisture content: 4.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0787 mg/kg	1.142	0.0899 mg/kg	0.00000899 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	0.744 mg/kg		0.744 mg/kg	0.0000744 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				2.03 mg/kg	2.637	5.352 mg/kg	0.000535 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.84 mg/kg	1.785	5.07 mg/kg	0.000507 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				9.83 mg/kg	2.469	24.273 mg/kg	0.00243 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				2.28 mg/kg		2.28 mg/kg	0.000228 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00505 %		

Key

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

Classification of sample: WS 42 0.1 Topsoil 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 42 0.1 Topsoil 43487	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
17%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00033%)

Determinands

Moisture content: **17%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				7.52 mg/kg	1.32	9.929 mg/kg	0.000993 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.395 mg/kg	1.142	0.451 mg/kg	0.000451 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				12.5 mg/kg	1.126	14.074 mg/kg	0.00141 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	19.5 mg/kg		19.5 mg/kg	0.00195 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				18.7 mg/kg	2.637	49.306 mg/kg	0.00493 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				29.7 mg/kg	1.785	53.02 mg/kg	0.0053 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				58.4 mg/kg	2.469	144.207 mg/kg	0.0144 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD	
		205-912-4	206-44-0								
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		204-927-3	129-00-0								
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group				3.35 mg/kg		3.35 mg/kg	0.000335 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0302 %		

Key

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

Classification of sample: WS 43 0.2 MG 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 43 0.2 MG 43487	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.2 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 7% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0249%)

Determinands

Moisture content: **7% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				86.2	mg/kg	1.32	113.812	mg/kg	0.0114 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.627	mg/kg	1.142	0.716	mg/kg	0.0000716 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				7.52	mg/kg	1.126	8.467	mg/kg	0.000847 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	64.9	mg/kg		64.9	mg/kg	0.00649 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				8.04	mg/kg	2.637	21.199	mg/kg	0.00212 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				8.85	mg/kg	1.785	15.799	mg/kg	0.00158 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				185 mg/kg	2.469	456.82	mg/kg	0.0457 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.12 mg/kg		<0.12	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8								
14	acenaphthene				<0.08 mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9								
15	fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
16	phenanthrene				<0 mg/kg		<0	mg/kg	<0%		<LOD
		201-581-5	85-01-8								
17	anthracene				<0.16 mg/kg		<0.16	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7								
18	indeno[123-cd]pyrene				<0 mg/kg		<0	mg/kg	<0%		<LOD
		205-893-2	193-39-5								
19	dibenz[a,h]anthracene				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
20	benzo[ghi]perylene				<0 mg/kg		<0	mg/kg	<0%		<LOD
		205-883-8	191-24-2								
21	benzo[k]fluoranthene				<0 mg/kg		<0	mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9								
22	PAHs (total)				2.16 mg/kg		2.16	mg/kg	0.000216 %		
23	TPH (C6 to C40) petroleum group				249 mg/kg		249	mg/kg	0.0249 %		
			TPH								
24	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
25	benzene				<0.009 mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
26	toluene				<0.007 mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
27	ethylbenzene				<0.004 mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
28	xylene				<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<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]								
29	phenol				<0 mg/kg		<0	mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2								
30	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
31	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021	mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3								
32	Carbazole				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
			86-74-8								
33	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2								
34	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6								
35	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6								
36	1,3-dichloropropane				<0.007 mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
37	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
38	2-chloronaphthalene	202-079-9	91-58-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
39	2-methyl naphthalene	202-078-3	91-57-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
40	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
41	4-bromophenylphenylether	202-952-4	101-55-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
42	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
43	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
44	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
45	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
46	carbazole	201-696-0	86-74-8		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
47	dibenzofuran	205-071-3	132-64-9		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
48	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
49	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
50	diethyl phthalate	201-550-6	84-66-2		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
51	dimethyl phthalate	205-011-6	131-11-3		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
52	di-n-octyl phthalate	204-214-7	117-84-0		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
53	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
54	hexachloroethane	200-666-4	67-72-1		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
55	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD	
56	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
57	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
58	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
59	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
60	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
61	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
62	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD	
63	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
64	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
65	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
66	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	2,4,5-trichlorophenol				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
68	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
69	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
70	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
71	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
72	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
73	2,6-dinitrotoluene				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
74	nitrobenzene				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
75	4-chloroaniline				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0945 %		

Key

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

Classification of sample: WS 43 0.5 Sand 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 43 0.5 Sand 43487	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 8.3% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00023%)

Determinands

Moisture content: 8.3% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				0.691 mg/kg	1.32	0.912 mg/kg	0.0000912 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0601 mg/kg	1.142	0.0687 mg/kg	0.00000687 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	0.935 mg/kg		0.935 mg/kg	0.0000935 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				2.73 mg/kg	2.637	7.198 mg/kg	0.00072 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.69 mg/kg	1.785	4.802 mg/kg	0.00048 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				5.87 mg/kg	2.469	14.495 mg/kg	0.00145 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				2.35 mg/kg		2.35 mg/kg	0.000235 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
39	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
40	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
41	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
42	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
43	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
44	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
45	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
46	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
47	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
48	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
49	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
50	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
51	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
52	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
53	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
54	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
55	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
56	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
57	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
58	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
59	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
60	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
61	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
62	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
63	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
64	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
65	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
66	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00426 %		

Key

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

Classification of sample: WS 45 0.3 MG 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 45 0.3 MG 43487	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.3 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 1.4% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00347%)

Determinands

Moisture content: 1.4% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				6.55 mg/kg	1.32	8.648 mg/kg	0.000865 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.387 mg/kg	1.142	0.442 mg/kg	0.0000442 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				12.3 mg/kg	1.126	13.848 mg/kg	0.00138 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	21.2 mg/kg		21.2 mg/kg	0.00212 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				15.9 mg/kg	2.637	41.923 mg/kg	0.00419 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				23.8 mg/kg	1.785	42.487 mg/kg	0.00425 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				53 mg/kg	2.469	130.873 mg/kg	0.0131 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-371-1	120-12-7							
17	dibenz[a,h]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3							
18	PAHs (total)				2.44 mg/kg		2.44 mg/kg	0.000244 %		
19	TPH (C6 to C40) petroleum group				34.7 mg/kg		34.7 mg/kg	0.00347 %		
			TPH							
20	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
21	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
22	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
23	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
24	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
25	phenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
26	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
27	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
28	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
29	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
30	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
31	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
32	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
33	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
34	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
35	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
36	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
42	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
46	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
50	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
52	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
53	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
54	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
57	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
60	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
62	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
66	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
67	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
68	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
69	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
70	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
71	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
72	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0307 %		

Key

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

Classification of sample: WS 45 1 Clay 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS 45 1 Clay 43487	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 1 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 1.1% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00063%)

Determinands

Moisture content: 1.1% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				5.5	mg/kg	1.32	7.262	mg/kg	0.000726 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.143	mg/kg	1.142	0.163	mg/kg	0.0000163 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				8.74	mg/kg	1.126	9.84	mg/kg	0.000984 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	8.33	mg/kg		8.33	mg/kg	0.000833 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				12.7	mg/kg	2.637	33.486	mg/kg	0.00335 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				22.2	mg/kg	1.785	39.631	mg/kg	0.00396 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				45.2 mg/kg	2.469	111.612 mg/kg	0.0112 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.333 mg/kg		0.333 mg/kg	0.0000333 %		
		205-912-4	206-44-0							
19	pyrene				0.308 mg/kg		0.308 mg/kg	0.0000308 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.155 mg/kg		0.155 mg/kg	0.0000155 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.143 mg/kg		0.143 mg/kg	0.0000143 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.166 mg/kg		0.166 mg/kg	0.0000166 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0851 mg/kg		0.0851 mg/kg	0.00000851 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.109 mg/kg		0.109 mg/kg	0.0000109 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.263 mg/kg		0.263 mg/kg	0.0000263 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0803 mg/kg		0.0803 mg/kg	0.00000803 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				1.64 mg/kg		1.64 mg/kg	0.000164 %		
29	TPH (C6 to C40) petroleum group				6.37 mg/kg		6.37 mg/kg	0.000637 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				0.0016 mg/kg		0.0016 mg/kg	0.000000166 %		
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0228 %		

Key

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

Classification of sample: WS 46 0.3 MG 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 46 0.3 MG 43487	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
14%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.018%)

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				5.43 mg/kg	1.32	7.169 mg/kg	0.000717 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.332 mg/kg	1.142	0.379 mg/kg	0.0000379 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				13.8 mg/kg	1.126	15.537 mg/kg	0.00155 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	23.5 mg/kg		23.5 mg/kg	0.00235 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				12.5 mg/kg	2.637	32.959 mg/kg	0.0033 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				17.8 mg/kg	1.785	31.776 mg/kg	0.00318 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				53.1 mg/kg	2.469	131.12 mg/kg	0.0131 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD	
		204-371-1	120-12-7								
18	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-033-00-9	200-280-6	56-55-3								
19	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-048-00-0	205-923-4	218-01-9								
20	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-032-00-3	200-028-5	50-32-8								
21	indeno[123-cd]pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-893-2	193-39-5								
22	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
23	benzo[ghi]perylene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-883-8	191-24-2								
24	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-034-00-4	205-911-9	205-99-2								
25	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-036-00-5	205-916-6	207-08-9								
26	PAHs (total)				0.887 mg/kg		0.887 mg/kg	0.0000887 %			
27	TPH (C6 to C40) petroleum group				180 mg/kg		180 mg/kg	0.018 %			
			TPH								
28	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
29	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]								
33	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
34	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										
35	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
36	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			86-74-8								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	dichloromethane; methylene chloride				0.048 mg/kg		0.048 mg/kg	0.0000048 %		
	602-004-00-3	200-838-9	75-09-2							
38	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
39	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
40	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
41	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
42	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
43	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
44	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
45	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
46	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
47	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
48	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
49	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
50	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
51	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
52	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
53	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
54	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
55	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
56	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
57	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
58	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
59	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
60	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
61	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
62	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
63	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
64	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		602-087-00-6	204-428-0	120-82-1						
65	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-034-00-7	202-425-9	95-50-1						
66	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		602-067-00-7	208-792-1	541-73-1						

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
68	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
69	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
70	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
71	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
72	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
73	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
74	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
75	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
76	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
77	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
78	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
79	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
80	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0433 %		

Key

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

Classification of sample: WS 46 0.7 Gravel 43487

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS 46 0.7 Gravel 43487	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.7 m		
Moisture content:		
1.1%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0001%)

Determinands

Moisture content: **1.1%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				3.91 mg/kg	1.32	5.162 mg/kg	0.000516 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.113 mg/kg	1.142	0.129 mg/kg	0.0000129 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				5.18 mg/kg	1.126	5.832 mg/kg	0.000583 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	6.65 mg/kg		6.65 mg/kg	0.000665 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				10.2 mg/kg	2.637	26.894 mg/kg	0.00269 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				12.2 mg/kg	1.785	21.779 mg/kg	0.00218 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				23.9	mg/kg	2.469	59.016	mg/kg	0.0059 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0									
19	pyrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		204-927-3	129-00-0									
20	benzo[a]anthracene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				<0.118	mg/kg		<0.118	mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				1.06	mg/kg		1.06	mg/kg	0.000106 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0137 %		

Key

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

Classification of sample: WS01 0.5 Chalk 43496

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

Sample details

Sample Name:	LoW Code:	
WS01 0.5 Chalk 43496	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		
Moisture content:		
20%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0956 mg/kg	1.142	0.109 mg/kg	0.0000109 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				1.51 mg/kg	2.637	3.981 mg/kg	0.000398 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				1.83 mg/kg	1.785	3.267 mg/kg	0.000327 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				8.7 mg/kg	2.469	21.483 mg/kg	0.00215 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00403 %		

Key

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

Classification of sample: WS02 0.3 Chalk 43502

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	WS02 0.3 Chalk 43502	LoW Code:	
Sample Depth:	0.3 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	20% (no correction)	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00016%)

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				0.742 mg/kg	1.32	0.98 mg/kg	0.000098 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.127 mg/kg	1.142	0.145 mg/kg	0.0000145 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				3.91 mg/kg	1.126	4.402 mg/kg	0.00044 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1.12 mg/kg		1.12 mg/kg	0.000112 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				2 mg/kg	2.637	5.273 mg/kg	0.000527 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.35 mg/kg	1.785	4.195 mg/kg	0.00042 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				15.3 mg/kg	2.469	37.78 mg/kg	0.00378 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				1.64 mg/kg		1.64 mg/kg	0.000164 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00638 %		

Key

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

Classification of sample: WS03 0.1 MG 43502

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS03 0.1 MG 43502	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
3.6% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00047%)

Determinands

Moisture content: 3.6% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				8.6 mg/kg	1.32	11.355 mg/kg	0.00114 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.316 mg/kg	1.142	0.361 mg/kg	0.000361 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				2.07 mg/kg	1.126	2.331 mg/kg	0.000233 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	5.14 mg/kg		5.14 mg/kg	0.000514 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				4.59 mg/kg	2.637	12.102 mg/kg	0.00121 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				4.7 mg/kg	1.785	8.39 mg/kg	0.000839 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				27.4 mg/kg	2.469	67.659 mg/kg	0.00677 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD	
		205-912-4	206-44-0								
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		204-927-3	129-00-0								
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group				4.75 mg/kg		4.75 mg/kg	0.000475 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0122 %		

Key

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

Classification of sample: WS03 0.3 Chalk 43502

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS03 0.3 Chalk 43502	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
11%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00036%)

Determinands

Moisture content: **11%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.117 mg/kg	1.142	0.134 mg/kg	0.0000134 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				1.78 mg/kg	1.126	2.004 mg/kg	0.0002 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	1.03 mg/kg		1.03 mg/kg	0.000103 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				2.44 mg/kg	2.637	6.434 mg/kg	0.000643 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				2.35 mg/kg	1.785	4.195 mg/kg	0.00042 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				11.7 mg/kg	2.469	28.891 mg/kg	0.00289 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD	
		205-912-4	206-44-0								
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		204-927-3	129-00-0								
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group				3.67 mg/kg		3.67 mg/kg	0.000367 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00575 %		

Key

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

Classification of sample: WS04 0.25 MG 43496

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS04 0.25 MG 43496	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.25 m		
Moisture content:		
1.8%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0002%)

Determinands

Moisture content: **1.8%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				0.75 mg/kg	1.32	0.99 mg/kg	0.000099 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.201 mg/kg	1.142	0.23 mg/kg	0.000023 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				1.73 mg/kg	1.126	1.948 mg/kg	0.000195 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	0.964 mg/kg		0.964 mg/kg	0.0000964 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				1.18 mg/kg	2.637	3.111 mg/kg	0.000311 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				1.74 mg/kg	1.785	3.106 mg/kg	0.000311 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				7.79 mg/kg	2.469	19.236 mg/kg	0.00192 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				2.03 mg/kg		2.03 mg/kg	0.000203 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0 mg/kg		<0 mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00419 %		

Key

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

Classification of sample: WS04 0.35 Chalk 43496

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

Sample details

Sample Name:	LoW Code:	
WS04 0.35 Chalk 43496	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.35 m		
Moisture content:		
18%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.104 mg/kg	1.142	0.119 mg/kg	0.0000119 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				2.13 mg/kg	2.637	5.616 mg/kg	0.000562 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.33 mg/kg	1.785	4.159 mg/kg	0.000416 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				10.3 mg/kg	2.469	25.434 mg/kg	0.00254 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole			86-74-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene		201-757-1	87-61-6	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
42	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
67	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
69	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
70	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0 mg/kg		<0 mg/kg	<0%		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00488 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS05 0.2 MG 43495

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS05 0.2 MG 43495	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.2 m		
Moisture content:		
9.3%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00069%)

Determinands

Moisture content: 9.3% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				1.97 mg/kg	1.32	2.601 mg/kg	0.00026 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.0587 mg/kg	1.142	0.0671 mg/kg	0.0000671 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				2.59 mg/kg	1.126	2.916 mg/kg	0.000292 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	0.817 mg/kg		0.817 mg/kg	0.0000817 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				2.85 mg/kg	2.637	7.515 mg/kg	0.000751 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				5.6 mg/kg	1.785	9.997 mg/kg	0.001 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				8.55 mg/kg	2.469	21.112 mg/kg	0.00211 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				6.95 mg/kg		6.95 mg/kg	0.000695 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00623 %		

Key

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

Classification of sample: WS05 0.55 Chalk 43495

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

Sample details

Sample Name:	LoW Code:	
WS05 0.55 Chalk 43495	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.55 m		
Moisture content:		
16%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.106 mg/kg	1.142	0.121 mg/kg	0.0000121 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				1.67 mg/kg	2.637	4.403 mg/kg	0.00044 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				1.83 mg/kg	1.785	3.267 mg/kg	0.000327 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				10.4 mg/kg	2.469	25.681 mg/kg	0.00257 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole			86-74-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene		201-757-1	87-61-6	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
42	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
67	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
69	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
70	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00469 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS06 0.25 MG 43496

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

Sample details

Sample Name:	LoW Code:	
WS06 0.25 MG 43496	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.25 m		
Moisture content:		
7.1%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 7.1% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				2.4 mg/kg	1.32	3.169 mg/kg	0.000317 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.158 mg/kg	1.142	0.18 mg/kg	0.000018 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				15 mg/kg	1.126	16.888 mg/kg	0.00169 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6.54 mg/kg		6.54 mg/kg	0.000654 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				4.04 mg/kg	2.637	10.652 mg/kg	0.00107 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				4.6 mg/kg	1.785	8.212 mg/kg	0.000821 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				20.4 mg/kg	2.469	50.374 mg/kg	0.00504 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0104 %		

Key

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

Classification of sample: WS06 0.35 Chalk 43496

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

Sample details

Sample Name:	WS06 0.35 Chalk 43496	LoW Code:	
Sample Depth:	0.35 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	22% (no correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 22% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.091 mg/kg	1.142	0.104 mg/kg	0.0000104 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				1.54 mg/kg	1.126	1.734 mg/kg	0.000173 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				2.11 mg/kg	2.637	5.563 mg/kg	0.000556 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				2.39 mg/kg	1.785	4.267 mg/kg	0.000427 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
11	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				12.2 mg/kg	2.469	30.125 mg/kg	0.00301 %		
12	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
13	acenaphthylene 205-917-1 208-96-8				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
14	acenaphthene 201-469-6 83-32-9				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD	
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD	
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD	
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD	
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD	
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00517 %		

Key

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

Classification of sample: WS09 0.13-0.2 MG 43482

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS09 0.13-0.2 MG 43482	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.13-0.2 m		
Moisture content:		
21%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0015%)

Determinands

Moisture content: **21%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				4.9 mg/kg	1.32	6.47 mg/kg	0.000647 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.115 mg/kg	1.142	0.131 mg/kg	0.0000131 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				35.4 mg/kg	1.126	39.856 mg/kg	0.00399 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	6.95 mg/kg		6.95 mg/kg	0.000695 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				15.2 mg/kg	2.637	40.078 mg/kg	0.00401 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				14.1 mg/kg	1.785	25.171 mg/kg	0.00252 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				34 mg/kg	2.469	83.956 mg/kg	0.0084 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-912-4	206-44-0								
19	pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		204-927-3	129-00-0								
20	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				0.842 mg/kg		0.842 mg/kg	0.0000842 %			
29	TPH (C6 to C40) petroleum group				15 mg/kg		15 mg/kg	0.0015 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	pH		PH		9.86 pH		9.86 pH	9.86 pH		
39	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
40	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
41	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
42	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
43	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
44	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
45	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
46	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
47	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
48	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
49	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
50	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
51	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
52	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
53	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
54	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
55	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
56	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
57	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
58	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
59	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
60	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
61	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
62	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
63	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
64	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
65	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
66	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
68	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
69	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
70	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
71	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
72	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
73	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
74	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
75	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
76	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
77	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
78	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
79	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
80	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
81	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
82	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
83	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0228 %		

Key

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

Classification of sample: WS09 0.2-0.3 Chalk 43482

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

Sample details

Sample Name:	LoW Code:	
WS09 0.2-0.3 Chalk 43482	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2-0.3 m		
Moisture content:		
19%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				0.601 mg/kg	1.32	0.794 mg/kg	0.0000794 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0666 mg/kg	1.142	0.0761 mg/kg	0.00000761 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				1.19 mg/kg	2.637	3.138 mg/kg	0.000314 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.04 mg/kg	1.785	3.642 mg/kg	0.000364 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				7.98 mg/kg	2.469	19.705 mg/kg	0.00197 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0038 %		

Key

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

Classification of sample: WS11 0.3 Chalk 43503

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS11 0.3 Chalk 43503	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
20%	
(no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00141%)

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
2	arsenic { arsenic trioxide }				2.25 mg/kg	1.32	2.971 mg/kg	0.000297 %			
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium oxide }				0.138 mg/kg	1.142	0.158 mg/kg	0.0000158 %			
	048-002-00-0	215-146-2	1306-19-0								
4	copper { dicopper oxide; copper (I) oxide }				24.7 mg/kg	1.126	27.809 mg/kg	0.00278 %			
	029-002-00-X	215-270-7	1317-39-1								
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	3.03 mg/kg		3.03 mg/kg	0.000303 %			
	082-001-00-6										
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel sulfate }				3.89 mg/kg	2.637	10.257 mg/kg	0.00103 %			
	028-009-00-5	232-104-9	7786-81-4								
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				4.6 mg/kg	1.785	8.212 mg/kg	0.000821 %			
	023-001-00-8	215-239-8	1314-62-1								
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %			<LOD
	005-008-00-8	215-125-8	1303-86-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				27.6 mg/kg	2.469	68.153 mg/kg	0.00682 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.0227 mg/kg		0.0227 mg/kg	0.00000227 %		
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				14.1 mg/kg		14.1 mg/kg	0.00141 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0143 %		

Key

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

Classification of sample: WS12 1 Chalk 43480

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS12 1 Chalk 43480	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m		
Moisture content:		
19% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00019%)

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				1.22 mg/kg	1.32	1.611 mg/kg	0.000161 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.0955 mg/kg	1.142	0.109 mg/kg	0.0000109 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				2.21 mg/kg	1.126	2.488 mg/kg	0.000249 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				2.71 mg/kg	2.637	7.145 mg/kg	0.000715 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				2.35 mg/kg	1.785	4.195 mg/kg	0.00042 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				20.7	mg/kg	2.469	51.114	mg/kg	0.00511 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0									
19	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0									
20	benzo[a]anthracene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				<0.118	mg/kg		<0.118	mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				1.99	mg/kg		1.99	mg/kg	0.000199 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00776 %		

Key

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

Classification of sample: WS13 0.3 MG 43480

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS13 0.3 MG 43480	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
16% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00022%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				7.76 mg/kg	1.32	10.246 mg/kg	0.00102 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.397 mg/kg	1.142	0.454 mg/kg	0.0000454 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				11.9 mg/kg	1.126	13.398 mg/kg	0.00134 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10.6 mg/kg		10.6 mg/kg	0.00106 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				21.7 mg/kg	2.637	57.216 mg/kg	0.00572 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				36.9 mg/kg	1.785	65.873 mg/kg	0.00659 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				68.3 mg/kg	2.469	168.653 mg/kg	0.0169 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				2.24 mg/kg		2.24 mg/kg	0.000224 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	pH			PH	8.43 pH		8.43 pH	8.43 pH		
39	Carbazole			86-74-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
42	1,2,3-trichlorobenzene		201-757-1	87-61-6	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
43	1,3-dichloropropane		205-531-3	142-28-9	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
44	2,2-dichloropropane		209-832-0	594-20-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
45	2-chloronaphthalene		202-079-9	91-58-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-methyl naphthalene		202-078-3	91-57-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	2-nitrophenol		201-857-5	88-75-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	4-bromophenylphenylether		202-952-4	101-55-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	4-chlorophenylphenylether		230-281-7	7005-72-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bis(2-chloroethoxy)methane		203-920-2	111-91-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	bromochloromethane		200-826-3	74-97-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
52	bromodichloromethane		200-856-7	75-27-4	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
53	carbazole		201-696-0	86-74-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibenzofuran		205-071-3	132-64-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	dibromochloromethane		204-704-0	124-48-1	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
56	dichlorodifluoromethane		200-893-9	75-71-8	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
57	diethyl phthalate		201-550-6	84-66-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	dimethyl phthalate		205-011-6	131-11-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	di-n-octyl phthalate		204-214-7	117-84-0	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	hexachlorobutadiene		201-765-5	87-68-3	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
61	hexachloroethane		200-666-4	67-72-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	n-butylbenzene		203-209-7	104-51-8	<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
63	sec-butylbenzene		205-227-0	135-98-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
64	tert-butylbenzene		202-632-4	98-06-6	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
65	trans-1,3-dichloropropene		431-460-4	10061-02-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
66	trichlorofluoromethane		200-892-3	75-69-4	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
68	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
69	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
70	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
71	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
72	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
73	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
74	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
75	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
76	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
77	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
78	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
79	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
80	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
81	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
82	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
83	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0339 %		

Key

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

Classification of sample: WS13 0.5 Clay 43480

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS13 0.5 Clay 43480	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 16% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00039%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				8.13	mg/kg	1.32	10.734	mg/kg	0.00107 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.586	mg/kg	1.142	0.669	mg/kg	0.0000669 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				17.9	mg/kg	1.126	20.153	mg/kg	0.00202 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	28.4	mg/kg		28.4	mg/kg	0.00284 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				25.3	mg/kg	2.637	66.708	mg/kg	0.00667 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				38.5	mg/kg	1.785	68.73	mg/kg	0.00687 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				155 mg/kg	2.469	382.741 mg/kg	0.0383 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				3.94 mg/kg		3.94 mg/kg	0.000394 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
39	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
40	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
41	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
42	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
43	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
44	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
45	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
46	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
47	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
48	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
49	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
50	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
51	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
52	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
53	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
54	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
55	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
56	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
57	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
58	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
59	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
60	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
61	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
62	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
63	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
64	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
65	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
66	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0592 %		

Key

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

Classification of sample: WS17 0.3 Chalk 43476

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

Sample details

Sample Name:	LoW Code:	
WS17 0.3 Chalk 43476	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		
Moisture content:		
19%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				0.696 mg/kg	1.32	0.919 mg/kg	0.0000919 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.11 mg/kg	1.142	0.126 mg/kg	0.0000126 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				2.24 mg/kg	1.126	2.522 mg/kg	0.000252 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				2.38 mg/kg	2.637	6.275 mg/kg	0.000628 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				3.47 mg/kg	1.785	6.195 mg/kg	0.000619 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				10.8 mg/kg	2.469	26.668 mg/kg	0.00267 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD	
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD	
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD	
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD	
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD	
38	pH		PH		8.19 pH		8.19 pH	8.19 pH			
39	Carbazole		86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
40	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
41	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
42	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
43	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
44	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
45	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
46	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
47	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
48	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
49	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
50	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
51	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
52	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
53	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
54	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
55	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
56	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
57	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
58	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
59	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
60	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
61	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
62	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD	
63	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
64	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
65	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
66	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
67	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
68	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
69	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD	
70	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD	
71	bromobenzene	602-060-00-9	203-623-8	108-86-1	<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
	CLP index number	EC Number	CAS Number							
72	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
73	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
74	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
75	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
76	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
77	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
78	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
79	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
80	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
81	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
82	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
83	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00538 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS17 0.8 Clay 43476

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	WS17 0.8 Clay 43476	LoW Code:	
Sample Depth:	0.8 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	13% (no correction)	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0003%)

Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				8.14	mg/kg	1.32	10.747	mg/kg	0.00107 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.441	mg/kg	1.142	0.504	mg/kg	0.0000504 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				11.1	mg/kg	1.126	12.497	mg/kg	0.00125 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16.2	mg/kg		16.2	mg/kg	0.00162 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				16.5	mg/kg	2.637	43.505	mg/kg	0.00435 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				27.3	mg/kg	1.785	48.736	mg/kg	0.00487 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				1.13	mg/kg	3.22	3.638	mg/kg	0.000364 %		
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				59.8 mg/kg	2.469	147.664 mg/kg	0.0148 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-912-4	206-44-0							
19	pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				3.01 mg/kg		3.01 mg/kg	0.000301 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
39	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
40	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
41	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
42	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
43	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
44	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
45	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
46	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
47	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
48	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
49	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
50	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
51	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
52	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
53	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
54	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
55	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
56	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
57	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
58	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
59	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
60	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
61	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
62	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
63	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
64	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
65	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
66	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0294 %		

Key

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

Classification of sample: WS18 0.3 Chalk 43503

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS18 0.3 Chalk 43503	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.3 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 18% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00021%)

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %			<LOD
	033-003-00-0	215-481-4	1327-53-3								
3	cadmium { cadmium oxide }				0.123 mg/kg	1.142	0.141 mg/kg	0.0000141 %			
	048-002-00-0	215-146-2	1306-19-0								
4	copper { dicopper oxide; copper (I) oxide }				3.26 mg/kg	1.126	3.67 mg/kg	0.000367 %			
	029-002-00-X	215-270-7	1317-39-1								
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	2.82 mg/kg		2.82 mg/kg	0.000282 %			
	082-001-00-6										
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
7	nickel { nickel sulfate }				1.37 mg/kg	2.637	3.612 mg/kg	0.000361 %			
	028-009-00-5	232-104-9	7786-81-4								
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	034-002-00-8										
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				1.64 mg/kg	1.785	2.928 mg/kg	0.000293 %			
	023-001-00-8	215-239-8	1314-62-1								
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %			<LOD
	005-008-00-8	215-125-8	1303-86-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				12.1 mg/kg	2.469	29.878 mg/kg	0.00299 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				2.14 mg/kg		2.14 mg/kg	0.000214 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00543 %		

Key

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

Classification of sample: WS19 0.1 Topsoil 43476

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS19 0.1 Topsoil 43476	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
15%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00093%)

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				7.41 mg/kg	1.32	9.784 mg/kg	0.000978 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.364 mg/kg	1.142	0.416 mg/kg	0.000416 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				12.8 mg/kg	1.126	14.411 mg/kg	0.00144 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	19 mg/kg		19 mg/kg	0.0019 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				17.5 mg/kg	2.637	46.142 mg/kg	0.00461 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				28 mg/kg	1.785	49.985 mg/kg	0.005 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				63.4	mg/kg	2.469	156.553	mg/kg	0.0157 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-912-4	206-44-0									
19	pyrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		204-927-3	129-00-0									
20	benzo[a]anthracene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				0.674	mg/kg		0.674	mg/kg	0.0000674 %		
29	TPH (C6 to C40) petroleum group				9.3	mg/kg		9.3	mg/kg	0.00093 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	pH		PH		6.31 pH		6.31 pH	6.31 pH		
39	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
40	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
41	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
42	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
43	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
44	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
45	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
46	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
47	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
48	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
49	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
50	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
51	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
52	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
53	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
54	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
55	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
56	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
57	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
58	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
59	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
60	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
61	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
62	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
63	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
64	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
65	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
66	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
68	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
69	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
70	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
71	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
72	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
73	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
74	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
75	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
76	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
77	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
78	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
79	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
80	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
81	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
82	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
83	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0316 %		

Key

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

Classification of sample: WS19 2.4 Chalk 43482

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS19 2.4 Chalk 43482	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
2.4 m		
Moisture content:		
14%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00295%)

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0815 mg/kg	1.142	0.0931 mg/kg	0.00000931 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				1.63 mg/kg	2.637	4.298 mg/kg	0.00043 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.82 mg/kg	1.785	5.034 mg/kg	0.000503 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				9.82 mg/kg	2.469	24.248 mg/kg	0.00242 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				29.5 mg/kg		29.5 mg/kg	0.00295 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00745 %		

Key

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

Classification of sample: WS21 0.1-0.2 MG 43481

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS21 0.1-0.2 MG 43481	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.1-0.2 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 16% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00026%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				3.65 mg/kg	1.32	4.819 mg/kg	0.000482 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.179 mg/kg	1.142	0.204 mg/kg	0.0000204 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				5.75 mg/kg	1.126	6.474 mg/kg	0.000647 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	7.56 mg/kg		7.56 mg/kg	0.000756 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				8.89 mg/kg	2.637	23.44 mg/kg	0.00234 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				14.4 mg/kg	1.785	25.707 mg/kg	0.00257 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				32.7 mg/kg	2.469	80.746 mg/kg	0.00807 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-912-4	206-44-0							
19	pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.486 mg/kg		0.486 mg/kg	0.0000486 %		
29	TPH (C6 to C40) petroleum group				2.62 mg/kg		2.62 mg/kg	0.000262 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	pH			PH	7.61 pH		7.61 pH	7.61 pH		
39	Carbazole			86-74-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
42	1,2,3-trichlorobenzene		201-757-1	87-61-6	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
43	1,3-dichloropropane		205-531-3	142-28-9	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
44	2,2-dichloropropane		209-832-0	594-20-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
45	2-chloronaphthalene		202-079-9	91-58-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-methyl naphthalene		202-078-3	91-57-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	2-nitrophenol		201-857-5	88-75-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	4-bromophenylphenylether		202-952-4	101-55-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	4-chlorophenylphenylether		230-281-7	7005-72-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bis(2-chloroethoxy)methane		203-920-2	111-91-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	bromochloromethane		200-826-3	74-97-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
52	bromodichloromethane		200-856-7	75-27-4	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
53	carbazole		201-696-0	86-74-8	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibenzofuran		205-071-3	132-64-9	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	dibromochloromethane		204-704-0	124-48-1	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
56	dichlorodifluoromethane		200-893-9	75-71-8	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
57	diethyl phthalate		201-550-6	84-66-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	dimethyl phthalate		205-011-6	131-11-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	di-n-octyl phthalate		204-214-7	117-84-0	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	hexachlorobutadiene		201-765-5	87-68-3	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
61	hexachloroethane		200-666-4	67-72-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	n-butylbenzene		203-209-7	104-51-8	<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
63	sec-butylbenzene		205-227-0	135-98-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
64	tert-butylbenzene		202-632-4	98-06-6	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
65	trans-1,3-dichloropropene		431-460-4	10061-02-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
66	trichlorofluoromethane		200-892-3	75-69-4	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
68	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
69	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
70	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
71	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
72	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
73	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
74	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
75	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
76	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
77	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
78	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
79	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
80	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
81	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
82	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
83	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0162 %		

Key

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

Classification of sample: WS21 0.6-0.7 Chalk 43481

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

Sample details

Sample Name:	WS21 0.6-0.7 Chalk 43481	LoW Code:	
Sample Depth:	0.6-0.7 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	19% (no correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				0.665 mg/kg	1.32	0.878 mg/kg	0.0000878 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.0958 mg/kg	1.142	0.109 mg/kg	0.0000109 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				1.84 mg/kg	1.126	2.072 mg/kg	0.000207 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				2.19 mg/kg	2.637	5.774 mg/kg	0.000577 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				3.56 mg/kg	1.785	6.355 mg/kg	0.000636 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
11	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				12.9 mg/kg	2.469	31.854 mg/kg	0.00319 %		
12	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
13	acenaphthylene 205-917-1 208-96-8				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
14	acenaphthene 201-469-6 83-32-9				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD	
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD	
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD	
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD	
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD	
38	Carbazole		86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
39	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
40	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
41	1,2,3-trichlorobenzene		201-757-1	87-61-6	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
42	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
43	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
67	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
69	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
70	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00581 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS21 1.5 Clay 43482

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS21 1.5 Clay 43482	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1.5 m	
Moisture content:	
12% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00028%)

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
3	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
4	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
5	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
6	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8							
7	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
8	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0							
9	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0							
10	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
11	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
12	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
14	dibenz[a,h]anthracene	200-181-8	53-70-3		<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
15	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
16	benzo[b]fluoranthene	205-911-9	205-99-2		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	benzo[k]fluoranthene	205-916-6	207-08-9		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
18	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
19	TPH (C6 to C40) petroleum group		TPH		2.81 mg/kg		2.81 mg/kg	0.000281 %		
20	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
21	benzene	200-753-7	71-43-2		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
22	toluene	203-625-9	108-88-3		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
23	ethylbenzene	202-849-4	100-41-4		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
24	xylene	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]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
25	phenol	203-632-7	108-95-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
26	polychlorobiphenyls; PCB	215-648-1	1336-36-3		<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
27	pH		PH		7.14 pH		7.14 pH	7.14 pH		
28	Carbazole		86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	dichloromethane; methylene chloride	200-838-9	75-09-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
30	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
32	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	• bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
42	• carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	• dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	• dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
45	• dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.000006 %		<LOD
46	• diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	• dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	• di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	• hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
50	• hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	• n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.000011 %		<LOD
52	• sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
53	• tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
54	• trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	• trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.000006 %		<LOD
56	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
57	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
60	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
62	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
65	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
66	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
67	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
68	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
69	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
70	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
71	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
72	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00052 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Potentially Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Determinand defined by classifier (see Appendix A)
<LOD	Below limit of detection

Classification of sample: WS21 3.1 Chalk 43482

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

Sample details

Sample Name:	WS21 3.1 Chalk 43482	LoW Code:	
Sample Depth:	3.1 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	21% (no correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

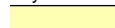



None identified

Determinands

Moisture content: 21% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %			<LOD
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.0816 mg/kg	1.142	0.0932 mg/kg	0.00000932 %			
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %			<LOD
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %			<LOD
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %			<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				1.79 mg/kg	2.637	4.72 mg/kg	0.000472 %			
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				2.84 mg/kg	1.785	5.07 mg/kg	0.000507 %			
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %			<LOD
11	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				11 mg/kg	2.469	27.162 mg/kg	0.00272 %			
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
Total:									0.0048 %		

Key

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

Classification of sample: WS22 0.1-0.2 MG 43486

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS22 0.1-0.2 MG 43486	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.1-0.2 m	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content:	
14% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00021%)

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				2.29 mg/kg	1.32	3.024 mg/kg	0.000302 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.179 mg/kg	1.142	0.204 mg/kg	0.0000204 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				13.2 mg/kg	1.126	14.862 mg/kg	0.00149 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	5.49 mg/kg		5.49 mg/kg	0.000549 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				5.65 mg/kg	2.637	14.897 mg/kg	0.00149 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				10.4 mg/kg	1.785	18.566 mg/kg	0.00186 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				24.6 mg/kg	2.469	60.745 mg/kg	0.00607 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-912-4	206-44-0							
19	pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.277 mg/kg		0.277 mg/kg	0.0000277 %		
29	TPH (C6 to C40) petroleum group				2.16 mg/kg		2.16 mg/kg	0.000216 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
39	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
40	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
41	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
42	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
43	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
44	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
45	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
46	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
47	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
48	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
49	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
50	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
51	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
52	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
53	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
54	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
55	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
56	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
57	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
58	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
59	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
60	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
61	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
62	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
63	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
64	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
65	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
66	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.013 %		

Key

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

Classification of sample: WS24 0.3 Silt 43482

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

Sample details

Sample Name:	WS24 0.3 Silt 43482	LoW Code:	
Sample Depth:	0.3 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	17% (no correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

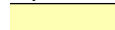



None identified

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				3.45 mg/kg	1.32	4.555 mg/kg	0.000456 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.17 mg/kg	1.142	0.194 mg/kg	0.0000194 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				13.3 mg/kg	1.126	14.974 mg/kg	0.0015 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	11.7 mg/kg		11.7 mg/kg	0.00117 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				8.86 mg/kg	2.637	23.361 mg/kg	0.00234 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				10.8 mg/kg	1.785	19.28 mg/kg	0.00193 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				34.1 mg/kg	2.469	84.203 mg/kg	0.00842 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
Total:								0.0166 %		

Key

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

Classification of sample: WS24 1.2 Chalk 43482

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS24 1.2 Chalk 43482	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1.2 m	
Moisture content:	
17% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00013%)

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0706 mg/kg	1.142	0.0806 mg/kg	0.0000806 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				1.57 mg/kg	1.126	1.768 mg/kg	0.000177 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				1.91 mg/kg	2.637	5.036 mg/kg	0.000504 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				2.89 mg/kg	1.785	5.159 mg/kg	0.000516 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				11.5 mg/kg	2.469	28.397 mg/kg	0.00284 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				1.35 mg/kg		1.35 mg/kg	0.000135 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00516 %		

Key

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

Classification of sample: WS25 0.1-0.3 MG 43481

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS25 0.1-0.3 MG 43481	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1-0.3 m		
Moisture content:		
12%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.013%)

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				5.77 mg/kg	1.32	7.618 mg/kg	0.000762 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.307 mg/kg	1.142	0.351 mg/kg	0.0000351 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				9.21 mg/kg	1.126	10.369 mg/kg	0.00104 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	19.7 mg/kg		19.7 mg/kg	0.00197 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				11.5 mg/kg	2.637	30.322 mg/kg	0.00303 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				20.7 mg/kg	1.785	36.953 mg/kg	0.0037 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				68.8	mg/kg	2.469	169.888	mg/kg	0.017 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		201-469-6	83-32-9									
15	fluorene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		201-695-5	86-73-7									
16	dibenz[a,h]anthracene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3									
17	PAHs (total)				4.26	mg/kg		4.26	mg/kg	0.000426 %		
18	TPH (C6 to C40) petroleum group				130	mg/kg		130	mg/kg	0.013 %		
			TPH									
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
20	benzene				<0.18	mg/kg		<0.18	mg/kg	<0.000018 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
21	toluene				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
22	ethylbenzene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
23	xylene				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<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]									
24	phenol				<0	mg/kg		<0	mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2									
25	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
26	polychlorobiphenyls; PCB				<0.021	mg/kg		<0.021	mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
27	pH				8.6	pH		8.6	pH	8.6 pH		
			PH									
28	Carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			86-74-8									
29	dichloromethane; methylene chloride				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
30	1,1,1,2-tetrachloroethane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		211-135-1	630-20-6									
31	1,2,3-trichlorobenzene				<0.4	mg/kg		<0.4	mg/kg	<0.00004 %		<LOD
		201-757-1	87-61-6									
32	1,3-dichloropropane				<0.14	mg/kg		<0.14	mg/kg	<0.000014 %		<LOD
		205-531-3	142-28-9									
33	2,2-dichloropropane				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
		209-832-0	594-20-7									
34	2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7									
35	2-methyl naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6									
36	2-nitrophenol				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bromochloromethane	200-826-3	74-97-5		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
41	bromodichloromethane	200-856-7	75-27-4		<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<LOD
42	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibromochloromethane	204-704-0	124-48-1		<0.18 mg/kg		<0.18 mg/kg	<0.000018 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.12 mg/kg		<0.12 mg/kg	<0.000012 %		<LOD
46	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	hexachlorobutadiene	201-765-5	87-68-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	n-butylbenzene	203-209-7	104-51-8		<0.22 mg/kg		<0.22 mg/kg	<0.000022 %		<LOD
52	sec-butylbenzene	205-227-0	135-98-8		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
53	tert-butylbenzene	202-632-4	98-06-6		<0.28 mg/kg		<0.28 mg/kg	<0.000028 %		<LOD
54	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
55	trichlorofluoromethane	200-892-3	75-69-4		<0.12 mg/kg		<0.12 mg/kg	<0.000012 %		<LOD
56	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
61	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
66	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
67	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
68	carbon disulphide				<0.14 mg/kg		<0.14 mg/kg	<0.000014 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
69	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
70	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
71	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
72	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0424 %		

Key

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

Classification of sample: WS27 0.2 MG 43481

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

Sample details

Sample Name:	LoW Code:	
WS27 0.2 MG 43481	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		
Moisture content:		
20%		
(no correction)		

Hazard properties

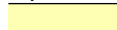



None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				5.3 mg/kg	1.32	6.998 mg/kg	0.0007 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.238 mg/kg	1.142	0.272 mg/kg	0.0000272 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				40.4 mg/kg	1.126	45.486 mg/kg	0.00455 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20.6 mg/kg		20.6 mg/kg	0.00206 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				14.7 mg/kg	2.637	38.759 mg/kg	0.00388 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				50 mg/kg	1.785	89.259 mg/kg	0.00893 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				71.3 mg/kg	2.469	176.061 mg/kg	0.0176 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
Total:								0.0385 %		

Key

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

Classification of sample: WS29 0.4 MG 43486

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS29 0.4 MG 43486	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.4 m		
Moisture content:		
14%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0011%)

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				7.18 mg/kg	1.32	9.48 mg/kg	0.000948 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.385 mg/kg	1.142	0.44 mg/kg	0.000044 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				11.6 mg/kg	1.126	13.06 mg/kg	0.00131 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	31 mg/kg		31 mg/kg	0.0031 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				15.4 mg/kg	2.637	40.605 mg/kg	0.00406 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				18.9 mg/kg	1.785	33.74 mg/kg	0.00337 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				68.9	mg/kg	2.469	170.135	mg/kg	0.017 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		205-912-4	206-44-0									
19	pyrene				<0	mg/kg		<0	mg/kg	<0%		<LOD
		204-927-3	129-00-0									
20	benzo[a]anthracene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				0.218	mg/kg		0.218	mg/kg	0.0000218 %		
29	TPH (C6 to C40) petroleum group				11	mg/kg		11	mg/kg	0.0011 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.032 %		

Key

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

Classification of sample: WS31 0.1 MG 43503

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS31 0.1 MG 43503	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
16% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00237%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				6.55 mg/kg	1.32	8.648 mg/kg	0.000865 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.369 mg/kg	1.142	0.422 mg/kg	0.0000422 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				11.1 mg/kg	1.126	12.497 mg/kg	0.00125 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	27.5 mg/kg		27.5 mg/kg	0.00275 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				13.8 mg/kg	2.637	36.386 mg/kg	0.00364 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				23.1 mg/kg	1.785	41.238 mg/kg	0.00412 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				72.8 mg/kg	2.469	179.765 mg/kg	0.018 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				0.0386 mg/kg		0.0386 mg/kg	0.00000386 %		
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.201 mg/kg		0.201 mg/kg	0.0000201 %		
		205-912-4	206-44-0							
19	pyrene				0.187 mg/kg		0.187 mg/kg	0.0000187 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0947 mg/kg		0.0947 mg/kg	0.00000947 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0788 mg/kg		0.0788 mg/kg	0.00000788 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.0934 mg/kg		0.0934 mg/kg	0.00000934 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0487 mg/kg		0.0487 mg/kg	0.00000487 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.0697 mg/kg		0.0697 mg/kg	0.00000697 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0913 mg/kg		0.0913 mg/kg	0.00000913 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0439 mg/kg		0.0439 mg/kg	0.00000439 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.946 mg/kg		0.946 mg/kg	0.0000946 %		
29	TPH (C6 to C40) petroleum group				23.7 mg/kg		23.7 mg/kg	0.00237 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.034 %		

Key

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

Classification of sample: WS31 1.5 Clay 43503

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	WS31 1.5 Clay 43503	LoW Code:	
Sample Depth:	1.5 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	8.1% (no correction)	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00011%)

Determinands

Moisture content: 8.1% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				3.59 mg/kg	1.32	4.74 mg/kg	0.000474 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.169 mg/kg	1.142	0.193 mg/kg	0.0000193 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				3.75 mg/kg	1.126	4.222 mg/kg	0.000422 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	2.12 mg/kg		2.12 mg/kg	0.000212 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				6.5 mg/kg	2.637	17.138 mg/kg	0.00171 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				10.4 mg/kg	1.785	18.566 mg/kg	0.00186 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				15 mg/kg	2.469	37.039 mg/kg	0.0037 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				1.12 mg/kg		1.12 mg/kg	0.000112 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00934 %		

Key

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

Classification of sample: WS32 0.3 MG 43504

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS32 0.3 MG 43504	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
13%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00088%)

Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				6.16 mg/kg	1.32	8.133 mg/kg	0.000813 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.32 mg/kg	1.142	0.366 mg/kg	0.000366 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				9.66 mg/kg	1.126	10.876 mg/kg	0.00109 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	31.3 mg/kg		31.3 mg/kg	0.00313 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				13.6 mg/kg	2.637	35.859 mg/kg	0.00359 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				22.2 mg/kg	1.785	39.631 mg/kg	0.00396 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				51.7 mg/kg	2.469	127.663 mg/kg	0.0128 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				0.0264 mg/kg		0.0264 mg/kg	0.0000264 %			
		205-912-4	206-44-0								
19	pyrene				0.0235 mg/kg		0.0235 mg/kg	0.0000235 %			
		204-927-3	129-00-0								
20	benzo[a]anthracene				0.0167 mg/kg		0.0167 mg/kg	0.0000167 %			
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				0.016 mg/kg		0.016 mg/kg	0.000016 %			
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				0.0177 mg/kg		0.0177 mg/kg	0.0000177 %			
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				0.0239 mg/kg		0.0239 mg/kg	0.0000239 %			
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				0.124 mg/kg		0.124 mg/kg	0.0000124 %			
29	TPH (C6 to C40) petroleum group				8.87 mg/kg		8.87 mg/kg	0.000887 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0271 %		

Key

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

Classification of sample: WS32 1.8 Silt 43504

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS32 1.8 Silt 43504	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1.8 m	
Moisture content:	
16% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00047%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				1.05	mg/kg	1.32	1.386	mg/kg	0.000139 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.125	mg/kg	1.142	0.143	mg/kg	0.0000143 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				4.74	mg/kg	1.126	5.337	mg/kg	0.000534 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	2.59	mg/kg		2.59	mg/kg	0.000259 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				9.36	mg/kg	2.637	24.679	mg/kg	0.00247 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				5.77	mg/kg	1.785	10.301	mg/kg	0.00103 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				23.9 mg/kg	2.469	59.016 mg/kg	0.0059 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				4.7 mg/kg		4.7 mg/kg	0.00047 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0116 %		

Key

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

Classification of sample: WS35 0.4 MG 43486

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

Sample details

Sample Name:	LoW Code:	
WS35 0.4 MG 43486	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m		
Moisture content:		
13%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				6.88 mg/kg	1.32	9.084 mg/kg	0.000908 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.441 mg/kg	1.142	0.504 mg/kg	0.0000504 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				12.1 mg/kg	1.126	13.623 mg/kg	0.00136 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20.9 mg/kg		20.9 mg/kg	0.00209 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				18.8 mg/kg	2.637	49.57 mg/kg	0.00496 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				28.5 mg/kg	1.785	50.878 mg/kg	0.00509 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				59.6 mg/kg	2.469	147.17 mg/kg	0.0147 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		0.0248 mg/kg		0.0248 mg/kg	0.00000248 %		
19	pyrene	204-927-3	129-00-0		0.023 mg/kg		0.023 mg/kg	0.0000023 %		
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.03 %		

Key

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

Classification of sample: WS38 0.2 MG 43486

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	WS38 0.2 MG 43486	LoW Code:	
Sample Depth:	0.2 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	13% (no correction)	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0774%)

Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				3.49 mg/kg	1.32	4.608 mg/kg	0.000461 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.11 mg/kg	1.142	0.126 mg/kg	0.0000126 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				14.4 mg/kg	1.126	16.213 mg/kg	0.00162 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	7.49 mg/kg		7.49 mg/kg	0.000749 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				8.81 mg/kg	2.637	23.229 mg/kg	0.00232 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				12.2 mg/kg	1.785	21.779 mg/kg	0.00218 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				13.9 mg/kg	2.469	34.323 mg/kg	0.00343 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.12 mg/kg		<0.12 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-469-6	83-32-9							
15	fluorene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-695-5	86-73-7							
16	dibenz[a,h]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3							
17	PAHs (total)				12.1 mg/kg		12.1 mg/kg	0.00121 %		
18	TPH (C6 to C40) petroleum group				774 mg/kg		774 mg/kg	0.0774 %		
			TPH							
19	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
20	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
21	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
22	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
23	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
24	phenol				<0 mg/kg		<0 mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2							
25	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
26	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
27	Carbazole				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
			86-74-8							
28	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
29	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
30	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
31	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
32	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
33	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
34	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
35	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
36	4-bromophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-952-4	101-55-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
38	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
39	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
41	carbazole	201-696-0	86-74-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
42	dibenzofuran	205-071-3	132-64-9		0.598 mg/kg		0.598 mg/kg	0.0000598 %		
43	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
44	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
45	diethyl phthalate	201-550-6	84-66-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
46	dimethyl phthalate	205-011-6	131-11-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
47	di-n-octyl phthalate	204-214-7	117-84-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
48	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
49	hexachloroethane	200-666-4	67-72-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
50	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
51	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
52	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
53	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
54	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
55	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
56	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
57	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
58	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
59	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
61	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
64	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2]	95-57-8 [1] 106-48-9 [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
	CLP index number	EC Number	CAS Number							
		203-582-6 [3] 246-691-4 [4]	108-43-0 [3] 25167-80-0 [4]							
66	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	carbon disulphide 006-003-00-3	200-843-6	75-15-0		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
68	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
69	2,6-dinitrotoluene 609-049-00-8	210-106-0	606-20-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
70	nitrobenzene 609-003-00-7	202-716-0	98-95-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
71	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
Total:								0.0911 %		

Key

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

Classification of sample: WS38 0.7 Gravel 43486

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS38 0.7 Gravel 43486	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.7 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 6.9% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00034%)

Determinands

Moisture content: 6.9% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				2.61 mg/kg	1.32	3.446 mg/kg	0.000345 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0537 mg/kg	1.142	0.0613 mg/kg	0.00000613 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				2.31 mg/kg	1.126	2.601 mg/kg	0.00026 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	0.973 mg/kg		0.973 mg/kg	0.0000973 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				3.3 mg/kg	2.637	8.701 mg/kg	0.00087 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				4.9 mg/kg	1.785	8.747 mg/kg	0.000875 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				5.32 mg/kg	2.469	13.137 mg/kg	0.00131 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-912-4	206-44-0							
19	pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.41 mg/kg		0.41 mg/kg	0.000041 %		
29	TPH (C6 to C40) petroleum group				3.44 mg/kg		3.44 mg/kg	0.000344 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00515 %		

Key

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

Classification of sample: WS39 0.2 MG 43486

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS39 0.2 MG 43486	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.2 m	
Moisture content:	
16%	
(no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00684%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				8.59 mg/kg	1.32	11.342 mg/kg	0.00113 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.442 mg/kg	1.142	0.505 mg/kg	0.0000505 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				14.6 mg/kg	1.126	16.438 mg/kg	0.00164 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	35 mg/kg		35 mg/kg	0.0035 %		
	082-001-00-6									
6	mercury { mercury dichloride }				0.243 mg/kg	1.353	0.329 mg/kg	0.0000329 %		
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				18 mg/kg	2.637	47.46 mg/kg	0.00475 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				29.6 mg/kg	1.785	52.841 mg/kg	0.00528 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				75.8 mg/kg	2.469	187.173 mg/kg	0.0187 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-371-1	120-12-7							
17	pyrene				1.21 mg/kg		1.21 mg/kg	0.000121 %		
		204-927-3	129-00-0							
18	dibenz[a,h]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3							
19	PAHs (total)				7.64 mg/kg		7.64 mg/kg	0.000764 %		
20	TPH (C6 to C40) petroleum group				68.4 mg/kg		68.4 mg/kg	0.00684 %		
			TPH							
21	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
22	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
23	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
24	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
25	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
26	phenol				<0 mg/kg		<0 mg/kg	<0%		<LOD
	604-001-00-2	203-632-7	108-95-2							
27	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
28	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
29	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
30	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
31	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
32	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
33	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
34	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
35	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
36	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
38	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
41	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
42	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
46	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
47	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
51	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
53	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
54	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
55	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
56	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
57	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
58	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
60	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
61	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
63	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0 mg/kg		<0 mg/kg	<0%		<LOD
66	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
67	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
68	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
69	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
71	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
72	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
73	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0438 %		

Key

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

Classification of sample: WS39 0.7-0.9 Clay 43486

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS39 0.7-0.9 Clay 43486	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.7-0.9 m	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content:	
12% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0002%)

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				6.1	mg/kg	1.32	8.054	mg/kg	0.000805 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.328	mg/kg	1.142	0.375	mg/kg	0.0000375 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				9.07	mg/kg	1.126	10.212	mg/kg	0.00102 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10.4	mg/kg		10.4	mg/kg	0.00104 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				16.2	mg/kg	2.637	42.714	mg/kg	0.00427 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				24.3	mg/kg	1.785	43.38	mg/kg	0.00434 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				42.6 mg/kg	2.469	105.192 mg/kg	0.0105 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.0409 mg/kg		0.0409 mg/kg	0.00000409 %		
		205-912-4	206-44-0							
19	pyrene				0.036 mg/kg		0.036 mg/kg	0.0000036 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0218 mg/kg		0.0218 mg/kg	0.00000218 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0204 mg/kg		0.0204 mg/kg	0.00000204 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.0208 mg/kg		0.0208 mg/kg	0.00000208 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0347 mg/kg		0.0347 mg/kg	0.00000347 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.175 mg/kg		0.175 mg/kg	0.0000175 %		
29	TPH (C6 to C40) petroleum group				2.02 mg/kg		2.02 mg/kg	0.000202 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0231 %		

Key

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

Classification of sample: WS44 0.9 Clay 43474

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

Sample details

Sample Name:	LoW Code:	
WS44 0.9 Clay 43474	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.9 m		
Moisture content:		
16%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				✔					
2	arsenic { arsenic trioxide }				11.2 mg/kg	1.32	14.788 mg/kg	0.00148 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.319 mg/kg	1.142	0.364 mg/kg	0.0000364 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				13.5 mg/kg	1.126	15.199 mg/kg	0.00152 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12.7 mg/kg		12.7 mg/kg	0.00127 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				27.4 mg/kg	2.637	72.245 mg/kg	0.00722 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				44.9 mg/kg	1.785	80.155 mg/kg	0.00802 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				63.3 mg/kg	2.469	156.306 mg/kg	0.0156 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	M/C Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2]	95-57-8 [1] 106-48-9 [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
	CLP index number	EC Number	CAS Number							
		203-582-6 [3] 246-691-4 [4]	108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.036 %		

Key

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

Classification of sample: WS47 0.5 Clay 43474

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

Sample details

Sample Name:	WS47 0.5 Clay 43474	LoW Code:	
Sample Depth:	0.5 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	9.5% (no correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.5% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				5.5 mg/kg	1.32	7.262 mg/kg	0.000726 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.221 mg/kg	1.142	0.252 mg/kg	0.0000252 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				10.2 mg/kg	1.126	11.484 mg/kg	0.00115 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	26.3 mg/kg		26.3 mg/kg	0.00263 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				10.3 mg/kg	2.637	27.158 mg/kg	0.00272 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				20.4 mg/kg	1.785	36.418 mg/kg	0.00364 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
11	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				48.7 mg/kg	2.469	120.255 mg/kg	0.012 %		
12	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
13	acenaphthylene 205-917-1 208-96-8				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
14	acenaphthene 201-469-6 83-32-9				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD	
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
37	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
38	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
39	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2]	95-57-8 [1] 106-48-9 [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
	CLP index number	EC Number	CAS Number							
		203-582-6 [3] 246-691-4 [4]	108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0237 %		

Key

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

Classification of sample: WS48 0.3 Clay 43474

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

Sample details

Sample Name:	LoW Code:	
WS48 0.3 Clay 43474	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		
Moisture content:		
9%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 9% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				4.44 mg/kg	1.32	5.862 mg/kg	0.000586 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.249 mg/kg	1.142	0.284 mg/kg	0.0000284 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				5.94 mg/kg	1.126	6.688 mg/kg	0.000669 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	9.38 mg/kg		9.38 mg/kg	0.000938 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				11.8 mg/kg	2.637	31.113 mg/kg	0.00311 %		
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				20.4 mg/kg	1.785	36.418 mg/kg	0.00364 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
11	zinc { zinc sulphate } 030-006-00-9 231-793-3 [1] 7446-19-7 [1] 231-793-3 [2] 7733-02-0 [2]				35.2 mg/kg	2.469	86.919 mg/kg	0.00869 %		
12	naphthalene 601-052-00-2 202-049-5 91-20-3				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
13	acenaphthylene 205-917-1 208-96-8				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
14	acenaphthene 201-469-6 83-32-9				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	M/C Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2]	95-57-8 [1] 106-48-9 [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
	CLP index number	EC Number	CAS Number							
		203-582-6 [3] 246-691-4 [4]	108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0185 %		

Key

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

Classification of sample: WS48 3.5 Gravel 43474

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

Sample details

Sample Name:	WS48 3.5 Gravel 43474	LoW Code:	
Sample Depth:	3.5 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	8.4% (no correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.4% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				2.75 mg/kg	1.32	3.631 mg/kg	0.000363 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.129 mg/kg	1.142	0.147 mg/kg	0.0000147 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				4.87 mg/kg	1.126	5.483 mg/kg	0.000548 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1.06 mg/kg		1.06 mg/kg	0.000106 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				6.91 mg/kg	2.637	18.219 mg/kg	0.00182 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				5.94 mg/kg	1.785	10.604 mg/kg	0.00106 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				17.3 mg/kg	2.469	42.719 mg/kg	0.00427 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2]	95-57-8 [1] 106-48-9 [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
	CLP index number	EC Number	CAS Number							
		203-582-6 [3] 246-691-4 [4]	108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00902 %		

Key

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

Classification of sample: WS48 4.5 Chalk 43474

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

Sample details

Sample Name:	LoW Code:	
WS48 4.5 Chalk 43474	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.5 m		
Moisture content:		
17%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				1.13 mg/kg	1.32	1.492 mg/kg	0.000149 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.125 mg/kg	1.142	0.143 mg/kg	0.0000143 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				3.24 mg/kg	1.126	3.648 mg/kg	0.000365 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1.35 mg/kg		1.35 mg/kg	0.000135 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				5.2 mg/kg	2.637	13.711 mg/kg	0.00137 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				3.42 mg/kg	1.785	6.105 mg/kg	0.000611 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				18.6 mg/kg	2.469	45.929 mg/kg	0.00459 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	M/C Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
18	fluoranthene	205-912-4	206-44-0		<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
19	pyrene	204-927-3	129-00-0		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
37	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2]	95-57-8 [1] 106-48-9 [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
	CLP index number	EC Number	CAS Number							
		203-582-6 [3] 246-691-4 [4]	108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00807 %		

Key

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

Classification of sample: WS49 0.7 MG 43474

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS49 0.7 MG 43474	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.7 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 45% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00065%)

Determinands

Moisture content: 45% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				7.45	mg/kg	1.32	9.836	mg/kg	0.000984 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.314	mg/kg	1.142	0.359	mg/kg	0.0000359 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				7.33	mg/kg	1.126	8.253	mg/kg	0.000825 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	8.94	mg/kg		8.94	mg/kg	0.000894 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				13.7	mg/kg	2.637	36.123	mg/kg	0.00361 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				20.8	mg/kg	1.785	37.132	mg/kg	0.00371 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				40.1 mg/kg	2.469	99.019 mg/kg	0.0099 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-912-4	206-44-0							
19	pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.557 mg/kg		0.557 mg/kg	0.0000557 %		
29	TPH (C6 to C40) petroleum group				6.56 mg/kg		6.56 mg/kg	0.000656 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
39	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
40	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
41	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
42	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
43	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
44	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
45	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
46	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
47	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
48	4-chlorophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		230-281-7	7005-72-3							
49	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
50	bromochloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-826-3	74-97-5							
51	bromodichloromethane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		200-856-7	75-27-4							
52	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
53	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
54	dibromochloromethane				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
		204-704-0	124-48-1							
55	dichlorodifluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-893-9	75-71-8							
56	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
57	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
58	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
59	hexachlorobutadiene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-765-5	87-68-3							
60	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
61	n-butylbenzene				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
		203-209-7	104-51-8							
62	sec-butylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-227-0	135-98-8							
63	tert-butylbenzene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
		202-632-4	98-06-6							
64	trans-1,3-dichloropropene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		431-460-4	10061-02-6							
65	trichlorofluoromethane				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		200-892-3	75-69-4							
66	1,2,4-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-087-00-6	204-428-0	120-82-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0217 %		

Key

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

Classification of sample: WS49 1.2 Gravel 43474

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

Sample details

Sample Name:	WS49 1.2 Gravel 43474	LoW Code:	
Sample Depth:	1.2 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	10% (no correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 10% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				5.91 mg/kg	1.32	7.803 mg/kg	0.00078 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.293 mg/kg	1.142	0.335 mg/kg	0.0000335 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				5.83 mg/kg	1.126	6.564 mg/kg	0.000656 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	3.73 mg/kg		3.73 mg/kg	0.000373 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				11.1 mg/kg	2.637	29.267 mg/kg	0.00293 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				17.7 mg/kg	1.785	31.598 mg/kg	0.00316 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
11	zinc { zinc sulphate }				31 mg/kg	2.469	76.548 mg/kg	0.00765 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
16	phenanthrene	201-581-5	85-01-8		<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD	
17	anthracene	204-371-1	120-12-7		<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD	
18	fluoranthene	205-912-4	206-44-0		<0 mg/kg		<0 mg/kg	<0%		<LOD	
19	pyrene	204-927-3	129-00-0		<0 mg/kg		<0 mg/kg	<0%		<LOD	
20	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0 mg/kg		<0 mg/kg	<0%		<LOD	
21	chrysene	601-048-00-0	205-923-4	218-01-9	<0 mg/kg		<0 mg/kg	<0%		<LOD	
22	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0 mg/kg		<0 mg/kg	<0%		<LOD	
23	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD	
24	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD	
25	benzo[ghi]perylene	205-883-8	191-24-2		<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD	
26	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0 mg/kg		<0 mg/kg	<0%		<LOD	
27	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD	
28	PAHs (total)				0.204 mg/kg		0.204 mg/kg	0.0000204 %			
29	TPH (C6 to C40) petroleum group		TPH		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
34	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]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
35	phenol	604-001-00-2	203-632-7	108-95-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5			<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD	
38	Carbazole		86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
39	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
40	1,1,1,2-tetrachloroethane		211-135-1	630-20-6	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
41	1,2,3-trichlorobenzene		201-757-1	87-61-6	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
42	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
43	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
67	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
69	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
70	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0166 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: WS50 1.5 Silt 43473

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS50 1.5 Silt 43473	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 1.5 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 9.8% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00008%)

Determinands

Moisture content: 9.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				8.45	mg/kg	1.32	11.157	mg/kg	0.00112 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.276	mg/kg	1.142	0.315	mg/kg	0.0000315 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				6.13	mg/kg	1.126	6.902	mg/kg	0.00069 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1.84	mg/kg		1.84	mg/kg	0.000184 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				15.3	mg/kg	2.637	40.341	mg/kg	0.00403 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				19.3	mg/kg	1.785	34.454	mg/kg	0.00345 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				35.6 mg/kg	2.469	87.907 mg/kg	0.00879 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				0.819 mg/kg		0.819 mg/kg	0.0000819 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
38	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-018-00-5	201-795-9							
39	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-011-00-7	204-429-6							
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]							
			95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-002-00-8	201-778-6							
Total:								0.0192 %		

Key

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

Classification of sample: WS51 1.2 Gravel 43473

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS51 1.2 Gravel 43473	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1.2 m		
Moisture content:		
7.8%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00067%)

Determinands

Moisture content: 7.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				4.73 mg/kg	1.32	6.245 mg/kg	0.000625 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.313 mg/kg	1.142	0.358 mg/kg	0.000358 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				8.63 mg/kg	1.126	9.716 mg/kg	0.000972 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	16.2 mg/kg		16.2 mg/kg	0.00162 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				10.2 mg/kg	2.637	26.894 mg/kg	0.00269 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				17.9 mg/kg	1.785	31.955 mg/kg	0.0032 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				64 mg/kg	2.469	158.035	mg/kg	0.0158 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7								
16	phenanthrene				0.031 mg/kg		0.031	mg/kg	0.0000031 %		
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7								
18	fluoranthene				0.109 mg/kg		0.109	mg/kg	0.0000109 %		
		205-912-4	206-44-0								
19	pyrene				0.0962 mg/kg		0.0962	mg/kg	0.00000962 %		
		204-927-3	129-00-0								
20	benzo[a]anthracene				0.0637 mg/kg		0.0637	mg/kg	0.00000637 %		
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				0.0623 mg/kg		0.0623	mg/kg	0.00000623 %		
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				0.0795 mg/kg		0.0795	mg/kg	0.00000795 %		
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				0.0551 mg/kg		0.0551	mg/kg	0.00000551 %		
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023	mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				0.0506 mg/kg		0.0506	mg/kg	0.00000506 %		
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				0.0531 mg/kg		0.0531	mg/kg	0.00000531 %		
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.0362 mg/kg		0.0362	mg/kg	0.00000362 %		
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				0.637 mg/kg		0.637	mg/kg	0.0000637 %		
29	TPH (C6 to C40) petroleum group				6.75 mg/kg		6.75	mg/kg	0.000675 %		
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
38	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
39	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0265 %		

Key

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

Classification of sample: WS51 2.3 Silt 43473

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS51 2.3 Silt 43473	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 2.3 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 10% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00076%)

Determinands

Moisture content: 10% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				8.74	mg/kg	1.32	11.54	mg/kg	0.00115 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.686	mg/kg	1.142	0.784	mg/kg	0.0000784 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				<14	mg/kg	1.126	<15.762	mg/kg	<0.00158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	7.19	mg/kg		7.19	mg/kg	0.000719 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<1.4	mg/kg	1.353	<1.895	mg/kg	<0.000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				19.2	mg/kg	2.637	50.624	mg/kg	0.00506 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<10	mg/kg	2.554	<25.536	mg/kg	<0.00255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				22.4	mg/kg	1.785	39.988	mg/kg	0.004 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				65.9 mg/kg	2.469	162.727 mg/kg	0.0163 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0252 mg/kg		0.0252 mg/kg	0.00000252 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0204 mg/kg		0.0204 mg/kg	0.00000204 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.0198 mg/kg		0.0198 mg/kg	0.00000198 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0281 mg/kg		0.0281 mg/kg	0.00000281 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				7.65 mg/kg		7.65 mg/kg	0.000765 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
38	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-018-00-5	201-795-9							
39	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-011-00-7	204-429-6							
40	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]							
			95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
41	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		604-002-00-8	201-778-6							
Total:								0.0329 %		

Key

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

Classification of sample: WS52 0.1 Topsoil 43490

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS52 0.1 Topsoil 43490	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
28%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00202%)

Determinands

Moisture content: **28%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				7.02 mg/kg	1.32	9.269 mg/kg	0.000927 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.273 mg/kg	1.142	0.312 mg/kg	0.0000312 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				13.1 mg/kg	1.126	14.749 mg/kg	0.00147 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	21.5 mg/kg		21.5 mg/kg	0.00215 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				14.2 mg/kg	2.637	37.441 mg/kg	0.00374 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				28.6 mg/kg	1.785	51.056 mg/kg	0.00511 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				65.3	mg/kg	2.469	161.245	mg/kg	0.0161 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				0.0579	mg/kg		0.0579	mg/kg	0.00000579 %		
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				0.241	mg/kg		0.241	mg/kg	0.0000241 %		
		205-912-4	206-44-0									
19	pyrene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		204-927-3	129-00-0									
20	benzo[a]anthracene				0.117	mg/kg		0.117	mg/kg	0.0000117 %		
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				0.112	mg/kg		0.112	mg/kg	0.0000112 %		
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				0.144	mg/kg		0.144	mg/kg	0.0000144 %		
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				0.0735	mg/kg		0.0735	mg/kg	0.00000735 %		
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				0.109	mg/kg		0.109	mg/kg	0.0000109 %		
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				0.142	mg/kg		0.142	mg/kg	0.0000142 %		
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				0.0521	mg/kg		0.0521	mg/kg	0.00000521 %		
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				1.27	mg/kg		1.27	mg/kg	0.000127 %		
29	TPH (C6 to C40) petroleum group				20.2	mg/kg		20.2	mg/kg	0.00202 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0326 %		

Key

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

Classification of sample: WS52 1 Clay 43490

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS52 1 Clay 43490	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m	
Moisture content:	
12%	
(no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00029%)

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				4.1	mg/kg	1.32	5.413	mg/kg	0.000541 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.171	mg/kg	1.142	0.195	mg/kg	0.0000195 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				4.95	mg/kg	1.126	5.573	mg/kg	0.000557 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	3.77	mg/kg		3.77	mg/kg	0.000377 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				8.85	mg/kg	2.637	23.335	mg/kg	0.00233 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				12.5	mg/kg	1.785	22.315	mg/kg	0.00223 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				24.8 mg/kg	2.469	61.239 mg/kg	0.00612 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				2.99 mg/kg		2.99 mg/kg	0.000299 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0133 %		

Key

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

Classification of sample: WS53 0.5 MG 43489

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS53 0.5 MG 43489	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.5 m		
Moisture content:		
16%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00287%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				5.94 mg/kg	1.32	7.843 mg/kg	0.000784 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.27 mg/kg	1.142	0.308 mg/kg	0.0000308 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				7.33 mg/kg	1.126	8.253 mg/kg	0.000825 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	9.53 mg/kg		9.53 mg/kg	0.000953 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				11.4 mg/kg	2.637	30.058 mg/kg	0.00301 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				20.4 mg/kg	1.785	36.418 mg/kg	0.00364 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				41.4	mg/kg	2.469	102.229	mg/kg	0.0102 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7									
17	dibenz[a,h]anthracene				<0	mg/kg		<0	mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3									
18	PAHs (total)				2.35	mg/kg		2.35	mg/kg	0.000235 %		
19	TPH (C6 to C40) petroleum group				28.7	mg/kg		28.7	mg/kg	0.00287 %		
			TPH									
20	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
21	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
22	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
23	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
24	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
25	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
26	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
27	polychlorobiphenyls; PCB				<0.021	mg/kg		<0.021	mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
28	Carbazole				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			86-74-8									
29	dichloromethane; methylene chloride				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
30	1,1,1,2-tetrachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6									
31	1,2,3-trichlorobenzene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6									
32	1,3-dichloropropane				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9									
33	2,2-dichloropropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7									
34	2-chloronaphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7									
35	2-methyl naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6									
36	2-nitrophenol				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
42	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
46	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
50	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
52	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
53	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
54	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
57	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
60	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
62	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
66	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
67	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
68	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
69	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
70	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
71	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
72	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0236 %		

Key

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

Classification of sample: WS54 0.1 MG 43490

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS54 0.1 MG 43490	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
20%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00379%)

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				9.03 mg/kg	1.32	11.923 mg/kg	0.00119 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.238 mg/kg	1.142	0.272 mg/kg	0.0000272 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				13.2 mg/kg	1.126	14.862 mg/kg	0.00149 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	22.8 mg/kg		22.8 mg/kg	0.00228 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				15.5 mg/kg	2.637	40.869 mg/kg	0.00409 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				27.2 mg/kg	1.785	48.557 mg/kg	0.00486 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				65.3 mg/kg	2.469	161.245 mg/kg	0.0161 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				0.0436 mg/kg		0.0436 mg/kg	0.00000436 %		
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.211 mg/kg		0.211 mg/kg	0.0000211 %		
		205-912-4	206-44-0							
19	pyrene				0.194 mg/kg		0.194 mg/kg	0.0000194 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.104 mg/kg		0.104 mg/kg	0.0000104 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.104 mg/kg		0.104 mg/kg	0.0000104 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.132 mg/kg		0.132 mg/kg	0.0000132 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.066 mg/kg		0.066 mg/kg	0.0000066 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.103 mg/kg		0.103 mg/kg	0.0000103 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.121 mg/kg		0.121 mg/kg	0.0000121 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0419 mg/kg		0.0419 mg/kg	0.00000419 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				1.12 mg/kg		1.12 mg/kg	0.000112 %		
29	TPH (C6 to C40) petroleum group				37.9 mg/kg		37.9 mg/kg	0.00379 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				0.0018 mg/kg		0.0018 mg/kg	0.000000184 %		
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0349 %		

Key

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

Classification of sample: WS54 0.5 Chalk 43490

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS54 0.5 Chalk 43490	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.5 m	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content:	
17% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0002%)

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				1.15 mg/kg	1.32	1.518 mg/kg	0.000152 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.103 mg/kg	1.142	0.118 mg/kg	0.0000118 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				5.37 mg/kg	1.126	6.046 mg/kg	0.000605 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9.5 mg/kg		9.5 mg/kg	0.00095 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				3.14 mg/kg	2.637	8.279 mg/kg	0.000828 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				4.62 mg/kg	1.785	8.248 mg/kg	0.000825 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				17.4 mg/kg	2.469	42.966 mg/kg	0.0043 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				2.01 mg/kg		2.01 mg/kg	0.000201 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0087 %		

Key

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

Classification of sample: WS55 0.3 Chalk 43494

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS55 0.3 Chalk 43494	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
18%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0002%)

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				<0.6 mg/kg	1.32	<0.792 mg/kg	<0.0000792 %		<LOD
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.0637 mg/kg	1.142	0.0728 mg/kg	0.00000728 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				<1.4 mg/kg	1.126	<1.576 mg/kg	<0.000158 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<0.7 mg/kg		<0.7 mg/kg	<0.00007 %		<LOD
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				1.41 mg/kg	2.637	3.718 mg/kg	0.000372 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				1.37 mg/kg	1.785	2.446 mg/kg	0.000245 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				9.65 mg/kg	2.469	23.829 mg/kg	0.00238 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.0507 mg/kg		0.0507 mg/kg	0.0000507 %		
		205-912-4	206-44-0							
19	pyrene				0.0466 mg/kg		0.0466 mg/kg	0.0000466 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0274 mg/kg		0.0274 mg/kg	0.0000274 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0283 mg/kg		0.0283 mg/kg	0.0000283 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.043 mg/kg		0.043 mg/kg	0.000043 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0331 mg/kg		0.0331 mg/kg	0.0000331 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.0547 mg/kg		0.0547 mg/kg	0.0000547 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0466 mg/kg		0.0466 mg/kg	0.0000466 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0189 mg/kg		0.0189 mg/kg	0.0000189 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.349 mg/kg		0.349 mg/kg	0.0000349 %		
29	TPH (C6 to C40) petroleum group				2.09 mg/kg		2.09 mg/kg	0.000209 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.00439 %		

Key

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

Classification of sample: WS56 0.1 Topsoil 43493

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS56 0.1 Topsoil 43493	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m	
Moisture content:	
17%	
(no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00103%)

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				7.54 mg/kg	1.32	9.955 mg/kg	0.000996 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.372 mg/kg	1.142	0.425 mg/kg	0.0000425 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				13.8 mg/kg	1.126	15.537 mg/kg	0.00155 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27.9 mg/kg		27.9 mg/kg	0.00279 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				15.9 mg/kg	2.637	41.923 mg/kg	0.00419 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				29.2 mg/kg	1.785	52.127 mg/kg	0.00521 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				68.2 mg/kg	2.469	168.406 mg/kg	0.0168 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-033-00-9	200-280-6	56-55-3							
19	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-032-00-3	200-028-5	50-32-8							
20	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
21	benzo[ghi]perylene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		205-883-8	191-24-2							
22	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-036-00-5	205-916-6	207-08-9							
23	PAHs (total)				1.16 mg/kg		1.16 mg/kg	0.000116 %		
24	TPH (C6 to C40) petroleum group				10.3 mg/kg		10.3 mg/kg	0.00103 %		
			TPH							
25	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
26	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
27	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
28	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
29	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
30	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
31	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
32	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
33	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
34	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
35	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
36	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
38	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
39	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
41	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
42	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
46	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
47	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
50	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
51	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
55	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
56	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
57	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
59	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
61	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
62	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
64	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
65	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
66	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
68	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
69	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
70	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
71	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
72	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
73	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
74	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
75	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
76	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
77	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0338 %		

Key

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

Classification of sample: WS56 0.25 MG 43493

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name: WS56 0.25 MG 43493	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.25 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
Moisture content: 8.8% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00462%)

Determinands

Moisture content: 8.8% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				4.04	mg/kg	1.32	5.334	mg/kg	0.000533 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.158	mg/kg	1.142	0.18	mg/kg	0.000018 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				5.04	mg/kg	1.126	5.674	mg/kg	0.000567 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9.36	mg/kg		9.36	mg/kg	0.000936 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				6.96	mg/kg	2.637	18.351	mg/kg	0.00184 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				12.2	mg/kg	1.785	21.779	mg/kg	0.00218 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				26.6 mg/kg	2.469	65.683 mg/kg	0.00657 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
		204-371-1	120-12-7							
17	dibenz[a,h]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD
	601-041-00-2	200-181-8	53-70-3							
18	PAHs (total)				6.1 mg/kg		6.1 mg/kg	0.00061 %		
19	TPH (C6 to C40) petroleum group				46.2 mg/kg		46.2 mg/kg	0.00462 %		
			TPH							
20	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
21	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
22	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
23	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
24	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
25	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
26	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
27	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
28	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			86-74-8							
29	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
30	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		211-135-1	630-20-6							
31	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		201-757-1	87-61-6							
32	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		205-531-3	142-28-9							
33	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		209-832-0	594-20-7							
34	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
35	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
36	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
42	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
45	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
46	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
50	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
52	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
53	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
54	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
55	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
57	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
59	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
60	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
62	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
66	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
67	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
68	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
69	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
70	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
71	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
72	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0189 %		

Key

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

Classification of sample: WS56A 0.1 MG 43494

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	WS56A 0.1 MG 43494	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.1 m	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)	
Moisture content:	21% (no correction)			

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00319%)

Determinands

Moisture content: 21% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
2	arsenic { arsenic trioxide }				8.82	mg/kg	1.32	11.645	mg/kg	0.00116 %		
	033-003-00-0	215-481-4	1327-53-3									
3	cadmium { cadmium oxide }				0.383	mg/kg	1.142	0.438	mg/kg	0.0000438 %		
	048-002-00-0	215-146-2	1306-19-0									
4	copper { dicopper oxide; copper (I) oxide }				21.2	mg/kg	1.126	23.869	mg/kg	0.00239 %		
	029-002-00-X	215-270-7	1317-39-1									
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	32.5	mg/kg		32.5	mg/kg	0.00325 %		
	082-001-00-6											
6	mercury { mercury dichloride }				<0.14	mg/kg	1.353	<0.189	mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
7	nickel { nickel sulfate }				18.4	mg/kg	2.637	48.515	mg/kg	0.00485 %		
	028-009-00-5	232-104-9	7786-81-4									
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				32.7	mg/kg	1.785	58.376	mg/kg	0.00584 %		
	023-001-00-8	215-239-8	1314-62-1									
10	boron { diboron trioxide; boric oxide }				<1	mg/kg	3.22	<3.22	mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				80.2 mg/kg	2.469	198.038 mg/kg	0.0198 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				0.0489 mg/kg		0.0489 mg/kg	0.00000489 %		
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.178 mg/kg		0.178 mg/kg	0.0000178 %		
		205-912-4	206-44-0							
19	pyrene				0.161 mg/kg		0.161 mg/kg	0.0000161 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0883 mg/kg		0.0883 mg/kg	0.00000883 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0835 mg/kg		0.0835 mg/kg	0.00000835 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.122 mg/kg		0.122 mg/kg	0.0000122 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0707 mg/kg		0.0707 mg/kg	0.00000707 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.0847 mg/kg		0.0847 mg/kg	0.00000847 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0824 mg/kg		0.0824 mg/kg	0.00000824 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.0539 mg/kg		0.0539 mg/kg	0.00000539 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.973 mg/kg		0.973 mg/kg	0.0000973 %		
29	TPH (C6 to C40) petroleum group				31.9 mg/kg		31.9 mg/kg	0.00319 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				0.0012 mg/kg		0.0012 mg/kg	0.000000129 %		
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0415 %		

Key

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

Classification of sample: WS56A 0.65 MG 43494

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS56A 0.65 MG 43494	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.65 m		
Moisture content:		
15%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00081%)

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				2.84 mg/kg	1.32	3.75 mg/kg	0.000375 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.145 mg/kg	1.142	0.166 mg/kg	0.0000166 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				4.77 mg/kg	1.126	5.37 mg/kg	0.000537 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	3.76 mg/kg		3.76 mg/kg	0.000376 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				8.01 mg/kg	2.637	21.12 mg/kg	0.00211 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				11.3 mg/kg	1.785	20.173 mg/kg	0.00202 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				22.3 mg/kg	2.469	55.065 mg/kg	0.00551 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				0.034 mg/kg		0.034 mg/kg	0.0000034 %			
		205-912-4	206-44-0								
19	pyrene				0.0246 mg/kg		0.0246 mg/kg	0.00000246 %			
		204-927-3	129-00-0								
20	benzo[a]anthracene				0.0179 mg/kg		0.0179 mg/kg	0.00000179 %			
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				0.0176 mg/kg		0.0176 mg/kg	0.00000176 %			
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				0.0277 mg/kg		0.0277 mg/kg	0.00000277 %			
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				0.122 mg/kg		0.122 mg/kg	0.0000122 %			
29	TPH (C6 to C40) petroleum group				8.11 mg/kg		8.11 mg/kg	0.000811 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0126 %		

Key

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

Classification of sample: WS57 0.3 Clay 43490

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:
WS57 0.3 Clay 43490	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m	
Moisture content:	
13% (no correction)	

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00046%)

Determinands

Moisture content: 13% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				1.67 mg/kg	1.32	2.205 mg/kg	0.00022 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.131 mg/kg	1.142	0.15 mg/kg	0.000015 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				2.88 mg/kg	1.126	3.243 mg/kg	0.000324 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1.6 mg/kg		1.6 mg/kg	0.00016 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				5.43 mg/kg	2.637	14.317 mg/kg	0.00143 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				7.46 mg/kg	1.785	13.317 mg/kg	0.00133 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				17.5 mg/kg	2.469	43.213 mg/kg	0.00432 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.0000017 %		<LOD
		205-912-4	206-44-0							
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
		204-927-3	129-00-0							
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.0000018 %		<LOD
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.0000024 %		<LOD
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.0000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				4.6 mg/kg		4.6 mg/kg	0.00046 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.00929 %		

Key

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

Classification of sample: WS58 0.3 Clay 43490

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS58 0.3 Clay 43490	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
17% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00025%)

Determinands

Moisture content: 17% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				5.83 mg/kg	1.32	7.697 mg/kg	0.00077 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.178 mg/kg	1.142	0.203 mg/kg	0.0000203 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				9.48 mg/kg	1.126	10.673 mg/kg	0.00107 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10.2 mg/kg		10.2 mg/kg	0.00102 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				13.2 mg/kg	2.637	34.804 mg/kg	0.00348 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				21.8 mg/kg	1.785	38.917 mg/kg	0.00389 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				43.5 mg/kg	2.469	107.414 mg/kg	0.0107 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		201-469-6	83-32-9							
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7							
16	phenanthrene				0.0225 mg/kg		0.0225 mg/kg	0.00000225 %		
		201-581-5	85-01-8							
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.0000016 %		<LOD
		204-371-1	120-12-7							
18	fluoranthene				0.0904 mg/kg		0.0904 mg/kg	0.00000904 %		
		205-912-4	206-44-0							
19	pyrene				0.0808 mg/kg		0.0808 mg/kg	0.00000808 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.0466 mg/kg		0.0466 mg/kg	0.00000466 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.0424 mg/kg		0.0424 mg/kg	0.00000424 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.052 mg/kg		0.052 mg/kg	0.0000052 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.0302 mg/kg		0.0302 mg/kg	0.00000302 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.0415 mg/kg		0.0415 mg/kg	0.00000415 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.0512 mg/kg		0.0512 mg/kg	0.00000512 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				0.458 mg/kg		0.458 mg/kg	0.0000458 %		
29	TPH (C6 to C40) petroleum group				2.54 mg/kg		2.54 mg/kg	0.000254 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0221 %		

Key

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

Classification of sample: WS58 1 Silt 43490

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS58 1 Silt 43490	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
1 m		
Moisture content:		
16% (no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00001%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				3.88 mg/kg	1.32	5.123 mg/kg	0.000512 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.0902 mg/kg	1.142	0.103 mg/kg	0.0000103 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				5.82 mg/kg	1.126	6.553 mg/kg	0.000655 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	2.7 mg/kg		2.7 mg/kg	0.00027 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				7.75 mg/kg	2.637	20.434 mg/kg	0.00204 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				12.4 mg/kg	1.785	22.136 mg/kg	0.00221 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	zinc { zinc sulphate }				23.1	mg/kg	2.469	57.041	mg/kg	0.0057 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
12	naphthalene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
13	acenaphthylene				<0.012	mg/kg		<0.012	mg/kg	<0.000012 %		<LOD
		205-917-1	208-96-8									
14	acenaphthene				<0.008	mg/kg		<0.008	mg/kg	<0.000008 %		<LOD
		201-469-6	83-32-9									
15	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
16	phenanthrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		201-581-5	85-01-8									
17	anthracene				<0.016	mg/kg		<0.016	mg/kg	<0.000016 %		<LOD
		204-371-1	120-12-7									
18	fluoranthene				<0.017	mg/kg		<0.017	mg/kg	<0.000017 %		<LOD
		205-912-4	206-44-0									
19	pyrene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
		204-927-3	129-00-0									
20	benzo[a]anthracene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
21	chrysene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
22	benzo[a]pyrene; benzo[def]chrysene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
23	indeno[123-cd]pyrene				<0.018	mg/kg		<0.018	mg/kg	<0.000018 %		<LOD
		205-893-2	193-39-5									
24	dibenz[a,h]anthracene				<0.023	mg/kg		<0.023	mg/kg	<0.000023 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
25	benzo[ghi]perylene				<0.024	mg/kg		<0.024	mg/kg	<0.000024 %		<LOD
		205-883-8	191-24-2									
26	benzo[b]fluoranthene				<0.015	mg/kg		<0.015	mg/kg	<0.000015 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.014	mg/kg		<0.014	mg/kg	<0.000014 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	PAHs (total)				<0.118	mg/kg		<0.118	mg/kg	<0.0000118 %		<LOD
29	TPH (C6 to C40) petroleum group				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			TPH									
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
31	benzene				<0.009	mg/kg		<0.009	mg/kg	<0.000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
32	toluene				<0.007	mg/kg		<0.007	mg/kg	<0.000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
33	ethylbenzene				<0.004	mg/kg		<0.004	mg/kg	<0.000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
34	xylene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	phenol				<0.001	mg/kg		<0.001	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0125 %		

Key

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

Classification of sample: WS58A 0.1 Topsoil 43493

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS58A 0.1 Topsoil 43493	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
16%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00102%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				7.23 mg/kg	1.32	9.546 mg/kg	0.000955 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.292 mg/kg	1.142	0.334 mg/kg	0.0000334 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				11.5 mg/kg	1.126	12.948 mg/kg	0.00129 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	19.7 mg/kg		19.7 mg/kg	0.00197 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				14.2 mg/kg	2.637	37.441 mg/kg	0.00374 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				25.4 mg/kg	1.785	45.344 mg/kg	0.00453 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				59.3 mg/kg	2.469	146.429 mg/kg	0.0146 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				0.0172 mg/kg		0.0172 mg/kg	0.0000172 %			
		201-469-6	83-32-9								
15	fluorene				0.0151 mg/kg		0.0151 mg/kg	0.0000151 %			
		201-695-5	86-73-7								
16	phenanthrene				0.248 mg/kg		0.248 mg/kg	0.0000248 %			
		201-581-5	85-01-8								
17	anthracene				0.0415 mg/kg		0.0415 mg/kg	0.00000415 %			
		204-371-1	120-12-7								
18	fluoranthene				0.641 mg/kg		0.641 mg/kg	0.0000641 %			
		205-912-4	206-44-0								
19	pyrene				0.566 mg/kg		0.566 mg/kg	0.0000566 %			
		204-927-3	129-00-0								
20	benzo[a]anthracene				0.316 mg/kg		0.316 mg/kg	0.0000316 %			
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				0.297 mg/kg		0.297 mg/kg	0.0000297 %			
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				0.331 mg/kg		0.331 mg/kg	0.0000331 %			
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				0.191 mg/kg		0.191 mg/kg	0.0000191 %			
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				0.0543 mg/kg		0.0543 mg/kg	0.00000543 %			
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				0.242 mg/kg		0.242 mg/kg	0.0000242 %			
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				0.393 mg/kg		0.393 mg/kg	0.0000393 %			
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.141 mg/kg		0.141 mg/kg	0.0000141 %			
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				3.49 mg/kg		3.49 mg/kg	0.000349 %			
29	TPH (C6 to C40) petroleum group				10.2 mg/kg		10.2 mg/kg	0.00102 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0297 %		

Key

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

Classification of sample: WS58A 0.3 MG 43493

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	WS58A 0.3 MG 43493	LoW Code:	
Sample Depth:	0.3 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	14% (no correction)	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00331%)

Determinands

Moisture content: 14% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide }				5.22 mg/kg	1.32	6.892 mg/kg	0.000689 %		
	033-003-00-0	215-481-4	1327-53-3							
3	cadmium { cadmium oxide }				0.234 mg/kg	1.142	0.267 mg/kg	0.0000267 %		
	048-002-00-0	215-146-2	1306-19-0							
4	copper { dicopper oxide; copper (I) oxide }				7.13 mg/kg	1.126	8.028 mg/kg	0.000803 %		
	029-002-00-X	215-270-7	1317-39-1							
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	8.33 mg/kg		8.33 mg/kg	0.000833 %		
	082-001-00-6									
6	mercury { mercury dichloride }				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
7	nickel { nickel sulfate }				9.71 mg/kg	2.637	25.602 mg/kg	0.00256 %		
	028-009-00-5	232-104-9	7786-81-4							
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	034-002-00-8									
9	vanadium { divanadium pentaoxide; vanadium pentoxide }				17.5 mg/kg	1.785	31.241 mg/kg	0.00312 %		
	023-001-00-8	215-239-8	1314-62-1							
10	boron { diboron trioxide; boric oxide }				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	zinc { zinc sulphate }				39.1 mg/kg	2.469	96.549 mg/kg	0.00965 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
		205-917-1	208-96-8							
14	acenaphthene				0.0102 mg/kg		0.0102 mg/kg	0.00000102 %		
		201-469-6	83-32-9							
15	fluorene				0.0132 mg/kg		0.0132 mg/kg	0.00000132 %		
		201-695-5	86-73-7							
16	phenanthrene				0.303 mg/kg		0.303 mg/kg	0.0000303 %		
		201-581-5	85-01-8							
17	anthracene				0.079 mg/kg		0.079 mg/kg	0.0000079 %		
		204-371-1	120-12-7							
18	fluoranthene				0.8 mg/kg		0.8 mg/kg	0.00008 %		
		205-912-4	206-44-0							
19	pyrene				0.613 mg/kg		0.613 mg/kg	0.0000613 %		
		204-927-3	129-00-0							
20	benzo[a]anthracene				0.365 mg/kg		0.365 mg/kg	0.0000365 %		
	601-033-00-9	200-280-6	56-55-3							
21	chrysene				0.368 mg/kg		0.368 mg/kg	0.0000368 %		
	601-048-00-0	205-923-4	218-01-9							
22	benzo[a]pyrene; benzo[def]chrysene				0.476 mg/kg		0.476 mg/kg	0.0000476 %		
	601-032-00-3	200-028-5	50-32-8							
23	indeno[123-cd]pyrene				0.319 mg/kg		0.319 mg/kg	0.0000319 %		
		205-893-2	193-39-5							
24	dibenz[a,h]anthracene				0.0563 mg/kg		0.0563 mg/kg	0.00000563 %		
	601-041-00-2	200-181-8	53-70-3							
25	benzo[ghi]perylene				0.308 mg/kg		0.308 mg/kg	0.0000308 %		
		205-883-8	191-24-2							
26	benzo[b]fluoranthene				0.374 mg/kg		0.374 mg/kg	0.0000374 %		
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				0.188 mg/kg		0.188 mg/kg	0.0000188 %		
	601-036-00-5	205-916-6	207-08-9							
28	PAHs (total)				4.27 mg/kg		4.27 mg/kg	0.000427 %		
29	TPH (C6 to C40) petroleum group				33.1 mg/kg		33.1 mg/kg	0.00331 %		
			TPH							
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	2-nitrophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-857-5	88-75-5							
39	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
40	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
41	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
42	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
Total:								0.0226 %		

Key

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

Classification of sample: WS59 0.1 MG 43493

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS59 0.1 MG 43493	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.1 m		
Moisture content:		
18%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00287%)

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				7.87 mg/kg	1.32	10.391 mg/kg	0.00104 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.366 mg/kg	1.142	0.418 mg/kg	0.0000418 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				13.6 mg/kg	1.126	15.312 mg/kg	0.00153 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	30.3 mg/kg		30.3 mg/kg	0.00303 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				16.6 mg/kg	2.637	43.769 mg/kg	0.00438 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				27.8 mg/kg	1.785	49.628 mg/kg	0.00496 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				69.4 mg/kg	2.469	171.369 mg/kg	0.0171 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
19	PAHs (total)				0.822 mg/kg		0.822 mg/kg	0.0000822 %			
20	TPH (C6 to C40) petroleum group				28.7 mg/kg		28.7 mg/kg	0.00287 %			
			TPH								
21	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
22	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
23	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
24	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
25	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]								
26	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
27	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.00188 %		<LOD	
	006-007-00-5										
28	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.000021 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
29	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			86-74-8								
30	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	602-004-00-3	200-838-9	75-09-2								
31	1,1,1,2-tetrachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		211-135-1	630-20-6								
32	1,2,3-trichlorobenzene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
		201-757-1	87-61-6								
33	1,3-dichloropropane				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
		205-531-3	142-28-9								
34	2,2-dichloropropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		209-832-0	594-20-7								
35	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		202-079-9	91-58-7								
36	2-methyl naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		202-078-3	91-57-6								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
41	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
42	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
46	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
47	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
51	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
53	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
54	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
55	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
56	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
57	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
58	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
59	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
60	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
61	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
63	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
66	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<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
	CLP index number	EC Number	CAS Number							
67	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
	246-691-4 [4]	25167-80-0 [4]								
68	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
69	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
70	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
71	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
72	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
73	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0361 %		

Key

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

Classification of sample: WS59 0.3 Clay 43493

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS59 0.3 Clay 43493	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
16%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00274%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				4.73 mg/kg	1.32	6.245 mg/kg	0.000625 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.209 mg/kg	1.142	0.239 mg/kg	0.0000239 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				7.16 mg/kg	1.126	8.061 mg/kg	0.000806 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	13.3 mg/kg		13.3 mg/kg	0.00133 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				9.95 mg/kg	2.637	26.235 mg/kg	0.00262 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				17.1 mg/kg	1.785	30.527 mg/kg	0.00305 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				45.1 mg/kg	2.469	111.365 mg/kg	0.0111 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		204-371-1	120-12-7								
18	benzo[a]anthracene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-033-00-9	200-280-6	56-55-3								
19	benzo[a]pyrene; benzo[def]chrysene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-032-00-3	200-028-5	50-32-8								
20	indeno[123-cd]pyrene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-893-2	193-39-5								
21	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
22	benzo[ghi]perylene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
		205-883-8	191-24-2								
23	benzo[b]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-034-00-4	205-911-9	205-99-2								
24	benzo[k]fluoranthene				<0 mg/kg		<0 mg/kg	<0%		<LOD	
	601-036-00-5	205-916-6	207-08-9								
25	PAHs (total)				1.47 mg/kg		1.47 mg/kg	0.000147 %			
26	TPH (C6 to C40) petroleum group				27.4 mg/kg		27.4 mg/kg	0.00274 %			
			TPH								
27	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
28	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
29	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
30	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
31	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]								
32	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
33	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										
34	polychlorobiphenyls; PCB				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
35	Carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			86-74-8								
36	dichloromethane; methylene chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	602-004-00-3	200-838-9	75-09-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
38	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
39	1,3-dichloropropane	205-531-3	142-28-9		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
40	2,2-dichloropropane	209-832-0	594-20-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
42	2-methyl naphthalene	202-078-3	91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	2-nitrophenol	201-857-5	88-75-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
44	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	bromochloromethane	200-826-3	74-97-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
48	bromodichloromethane	200-856-7	75-27-4		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
49	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	dibromochloromethane	204-704-0	124-48-1		<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
52	dichlorodifluoromethane	200-893-9	75-71-8		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
53	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
56	hexachlorobutadiene	201-765-5	87-68-3		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
57	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	n-butylbenzene	203-209-7	104-51-8		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
59	sec-butylbenzene	205-227-0	135-98-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
60	tert-butylbenzene	202-632-4	98-06-6		<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
61	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	trichlorofluoromethane	200-892-3	75-69-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
63	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
64	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
66	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
68	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
69	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
70	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
71	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
72	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
73	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]							
74	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
75	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
76	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
77	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
78	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
79	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.0235 %		

Key

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

Classification of sample: WS59 0.7 Chalk 43493

*** Potentially Hazardous Waste**
Classified as **17 05 04** or **17 05 03 ***
in the List of Waste

Sample details

Sample Name:	LoW Code:	
WS59 0.7 Chalk 43493	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 or 17 05 03 * (Soil and stones other than those mentioned in 17 05 03 or Soil and stones containing hazardous substances)
0.7 m		
Moisture content:		
15%		
(no correction)		

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00024%)

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
2	arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3				2.22 mg/kg	1.32	2.931 mg/kg	0.000293 %		
3	cadmium { cadmium oxide } 048-002-00-0 215-146-2 1306-19-0				0.149 mg/kg	1.142	0.17 mg/kg	0.000017 %		
4	copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1				3.95 mg/kg	1.126	4.447 mg/kg	0.000445 %		
5	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	2.68 mg/kg		2.68 mg/kg	0.000268 %		
6	mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7				<0.14 mg/kg	1.353	<0.189 mg/kg	<0.0000189 %		<LOD
7	nickel { nickel sulfate } 028-009-00-5 232-104-9 7786-81-4				5.37 mg/kg	2.637	14.159 mg/kg	0.00142 %		
8	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
9	vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1				8.08 mg/kg	1.785	14.424 mg/kg	0.00144 %		
10	boron { diboron trioxide; boric oxide } 005-008-00-8 215-125-8 1303-86-2				<1 mg/kg	3.22	<3.22 mg/kg	<0.000322 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	zinc { zinc sulphate }				19.6 mg/kg	2.469	48.398 mg/kg	0.00484 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
12	naphthalene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
13	acenaphthylene				<0.012 mg/kg		<0.012 mg/kg	<0.000012 %		<LOD	
		205-917-1	208-96-8								
14	acenaphthene				<0.008 mg/kg		<0.008 mg/kg	<0.000008 %		<LOD	
		201-469-6	83-32-9								
15	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		201-695-5	86-73-7								
16	phenanthrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		201-581-5	85-01-8								
17	anthracene				<0.016 mg/kg		<0.016 mg/kg	<0.000016 %		<LOD	
		204-371-1	120-12-7								
18	fluoranthene				<0.017 mg/kg		<0.017 mg/kg	<0.000017 %		<LOD	
		205-912-4	206-44-0								
19	pyrene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
		204-927-3	129-00-0								
20	benzo[a]anthracene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
21	chrysene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
22	benzo[a]pyrene; benzo[def]chrysene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
23	indeno[123-cd]pyrene				<0.018 mg/kg		<0.018 mg/kg	<0.000018 %		<LOD	
		205-893-2	193-39-5								
24	dibenz[a,h]anthracene				<0.023 mg/kg		<0.023 mg/kg	<0.000023 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
25	benzo[ghi]perylene				<0.024 mg/kg		<0.024 mg/kg	<0.000024 %		<LOD	
		205-883-8	191-24-2								
26	benzo[b]fluoranthene				<0.015 mg/kg		<0.015 mg/kg	<0.000015 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.014 mg/kg		<0.014 mg/kg	<0.000014 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
28	PAHs (total)				<0.118 mg/kg		<0.118 mg/kg	<0.0000118 %		<LOD	
29	TPH (C6 to C40) petroleum group				2.45 mg/kg		2.45 mg/kg	0.000245 %			
			TPH								
30	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	603-181-00-X	216-653-1	1634-04-4								
31	benzene				<0.009 mg/kg		<0.009 mg/kg	<0.000009 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
32	toluene				<0.007 mg/kg		<0.007 mg/kg	<0.000007 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
33	ethylbenzene				<0.004 mg/kg		<0.004 mg/kg	<0.000004 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
34	xylene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	phenol				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD	
	604-001-00-2	203-632-7	108-95-2								
36	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD	
	006-007-00-5										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
37	polychlorobiphenyls; PCB 602-039-00-4 215-648-1 1336-36-3				<0.021 mg/kg		<0.021 mg/kg	<0.0000021 %		<LOD
38	Carbazole 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
39	dichloromethane; methylene chloride 602-004-00-3 200-838-9 75-09-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
40	1,1,1,2-tetrachloroethane 211-135-1 630-20-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
41	1,2,3-trichlorobenzene 201-757-1 87-61-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
42	1,3-dichloropropane 205-531-3 142-28-9				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
43	2,2-dichloropropane 209-832-0 594-20-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
44	2-chloronaphthalene 202-079-9 91-58-7				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	2-methyl naphthalene 202-078-3 91-57-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	2-nitrophenol 201-857-5 88-75-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	4-bromophenylphenylether 202-952-4 101-55-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-chlorophenylphenylether 230-281-7 7005-72-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	bis(2-chloroethoxy)methane 203-920-2 111-91-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	bromochloromethane 200-826-3 74-97-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
51	bromodichloromethane 200-856-7 75-27-4				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
52	carbazole 201-696-0 86-74-8				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	dibenzofuran 205-071-3 132-64-9				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	dibromochloromethane 204-704-0 124-48-1				<0.009 mg/kg		<0.009 mg/kg	<0.0000009 %		<LOD
55	dichlorodifluoromethane 200-893-9 75-71-8				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
56	diethyl phthalate 201-550-6 84-66-2				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	dimethyl phthalate 205-011-6 131-11-3				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	di-n-octyl phthalate 204-214-7 117-84-0				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	hexachlorobutadiene 201-765-5 87-68-3				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
60	hexachloroethane 200-666-4 67-72-1				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	n-butylbenzene 203-209-7 104-51-8				<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
62	sec-butylbenzene 205-227-0 135-98-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	tert-butylbenzene 202-632-4 98-06-6				<0.014 mg/kg		<0.014 mg/kg	<0.0000014 %		<LOD
64	trans-1,3-dichloropropene 431-460-4 10061-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	trichlorofluoromethane 200-892-3 75-69-4				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6 204-428-0 120-82-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	1,2-dichlorobenzene; o-dichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
68	1,3-dichlorobenzene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
69	1,4-dichlorobenzene; p-dichlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
70	bromobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
71	chlorobenzene				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
72	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
73	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
74	2,4,6-trichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
75	2,4-dichlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
76	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
77	pentachlorophenol				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
78	carbon disulphide				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
79	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]							
		246-836-1 [2]	25321-14-6 [2]							
80	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
81	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
82	4-chloroaniline				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
Total:								0.01 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

- 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.

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

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 1; Carcinogenic to humans; Lead REACH Consortium considers some lead compounds Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s)/Risk Phrase(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 1 H310 , Acute Tox. 1 H330 , Acute Tox. 4 H302

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

- 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 Chronic 1 H410 , Aquatic Acute 1 H400

- 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: Skin Irrit. 2 H315 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Carc. 2 H351 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302

- 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: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

- 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: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Acute Tox. 4 H302

- 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: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315

▪ **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 Chronic 1 H410 , Aquatic Acute 1 H400

▪ **PAHs (total)**

Description/Comments: Worst case scenario combining risk phrases and substance specific thresholds from benzo[a]pyrene (CLP# 601-032-00-3) and benzo[a]anthracene (CLP# 601-033-00-9)
Data source: 2008/1272/EC – Table 3.2 of Annex VI of regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures and 2009/790/EC Annex IV – Annex IV of regulation 2009/790/EC - 1st Adaptation to Technical Progress for European Regulation 1272/2008
Data source date: 16 Dec 2008
Hazard Statements: Repr. 1B H360FD , Aquatic Chronic 1 H410 (M=100), Aquatic Acute 1 H400 (M=100), Muta. 1B H340 , Carc. 1B H350 >= 0.01 % , Carc. 1B H350 , Skin Sens. 1 H317

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

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

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s)/Risk Phrase(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

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

▪ **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s)/Risk Phrase(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT RE 2 H373 , STOT SE 3 H335 , Acute Tox. 4 H332 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Acute Tox. 4 H312 , Acute Tox. 4 H302

Carbazole (CAS Number: 86-74-8)

Description/Comments:

Data source: <http://www.sciencelab.com/msds.php?msdsId=9923305>

Data source date: 20 Dec 2011

Hazard Statements: None.

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

▪ **2-chloronaphthalene** (EC Number: 202-079-9, CAS Number: 91-58-7)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

▪ **2-methyl naphthalene** (EC Number: 202-078-3, CAS Number: 91-57-6)

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

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

Data source date: 02 Mar 2017

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

▪ **4-bromophenylphenylether** (EC Number: 202-952-4, CAS Number: 101-55-3)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Eye Irrit. 2 H319 , Eye Dam. 1 H318 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , Acute Tox. 4 H302

▪ **4-chlorophenylphenylether** (EC Number: 230-281-7, CAS Number: 7005-72-3)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Eye Dam. 1 H318 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , Acute Tox. 4 H302

▪ **bis(2-chloroethoxy)methane** (EC Number: 203-920-2, CAS Number: 111-91-1)

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

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

Data source date: 02 Mar 2017

Hazard Statements: STOT RE 2 H373 , STOT SE 1 H370 , Acute Tox. 2 H330 , Acute Tox. 1 H330 , Acute Tox. 4 H312 , Acute Tox. 3 H301

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

• **dibenzofuran** (EC Number: 205-071-3, CAS Number: 132-64-9)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 2 H411 , Acute Tox. 4 H332 , Acute Tox. 4 H312 , Acute Tox. 4 H302

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Press. Gas H280 , Ozone 1 H420 , Aquatic Chronic 3 H412

• **diethyl phthalate** (EC Number: 201-550-6, CAS Number: 84-66-2)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 1 H410 , Skin Sens. 1 H317 , STOT SE 3 H336 , Acute Tox. 4 H302 , Repr. 2 H361 , STOT RE 2 H373 , STOT SE 3 H335 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Irrit. 2 H315

• **dimethyl phthalate** (EC Number: 205-011-6, CAS Number: 131-11-3)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 3 H412 , Repr. 2 H361 , STOT SE 3 H336 , STOT SE 3 H335 , Acute Tox. 3 H331 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315

• **di-n-octyl phthalate** (EC Number: 204-214-7, CAS Number: 117-84-0)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 4 H413 , Eye Irrit. 2 H319 , Resp. Sens. 1 H334 , Skin Sens. 1 H317 , Repr. 2 H361

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

• **hexachloroethane** (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: STOT RE 2 H373 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Carc. 2 H351 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Flam. Liq. 3 H226

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 2 H411 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Asp. Tox. 1 H304 , Flam. Liq. 3 H226

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 2 H411 , Asp. Tox. 1 H304 , STOT SE 3 H335 , Acute Tox. 4 H332 , Acute Tox. 3 H331 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Flam. Liq. 3 H226

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 1 H410 , STOT SE 3 H335 , Acute Tox. 4 H332 , Eye Irrit. 2 H319 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , Acute Tox. 3 H311 , Asp. Tox. 1 H304 , Acute Tox. 3 H301 , Flam. Liq. 3 H226

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

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

• **barium oxide** (EC Number: 215-127-9, CAS Number: 1304-28-5)

Conversion factor: 1.117
Description/Comments: Data from C&L Inventory Database; No entries in Registered Substances Database, IARC or Pesticide Properties Database
Data source: <http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=88825&HarmOnly=no?fc=true&lang=en>
Data source date: 02 Jun 2014
Hazard Statements: Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Corr. 1A H314 , Acute Tox. 3 H301 , Acute Tox. 4 H302 , Acute Tox. 4 H332

• **pH** (CAS Number: PH)

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

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

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/ molecular weight and physical form

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and solubility

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

Worst case species based on hazard statements

mercury {mercury dichloride}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and solubility

nickel {nickel sulfate}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and solubility

selenium {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case. Pigment cadmium sulphoselenide not likely to be present in this soil. No evidence for the other CLP entries: sodium selenite, nickel II selenite and nickel selenide, to be present in this soil

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species based on hazard statements

boron {diboron trioxide; boric oxide}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility

zinc {zinc sulphate}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and solubility

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

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil

barium {barium oxide}

reasonable case CLP species based on hazard statements/molecular weight considering the absence of CrVI in the sample

beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2019.163.3889.7904 (12 Jun 2019)

HazWasteOnline Database: 2019.163.3889.7904 (12 Jun 2019)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

Revised List of Wastes 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

POPs Regulation 2004 - Regulation 850/2004/EC of 29 April 2004

1st ATP to POPs Regulation - Regulation 756/2010/EU of 24 August 2010

2nd ATP to POPs Regulation - Regulation 757/2010/EU of 24 August 2010

29. British Standards Institution (2015) BS 8485:2015+A1:2019 Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings.

Appendix A WYG Factual Report

