

Appendix A

Profile Logs

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 1.40m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

384000 E 403021 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-0.80	DB1				(0.80)	MADE GROUND: Brown very gravelly cobbly sandy CLAY with abundant brick (whole and fragments), frequent concrete, pottery, plastic, occasional timber, glass, metal, wires, ash, clinker. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
0.80-1.40	D2		Water strike(1) at 1.30m.	63.20	0.80 (0.60)	MADE GROUND: Dark brown gravelly sandy CLAY with occasional brick (whole and fragments), frequent waste wrappers, textiles, metal, plastic and rare ash and clinker. Sand is fine to coarse. Gravel is fine to coarse.		
				62.60	1.40	Complete at 1.40m		


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Strong putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP101

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 1.80m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383983 E 403005 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-1.00	DB1				(1.00)	MADE GROUND: Brown very gravelly cobbly sandy CLAY with abundant brick (whole and fragments), frequent concrete, ash, clinker, pottery, occasional waste wrappers, textiles, wires and metal. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
1.00-1.80	D2			63.00	1.00	MADE GROUND: Light brown mottled grey gravelly sandy silty CLAY with frequent brick and plant fibres. Sand is fine to coarse. Gravel is fine to medium.		
			Water strike(1) at 1.80m.	62.20	1.80	Complete at 1.80m		▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Strong putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP102

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.30m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383985 E 403022 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.10-1.20	DB1			63.90	0.10	MADE GROUND: Brown very gravelly cobbly sandy CLAY with abundant brick (whole and fragments), frequent concrete, occasional ash, clinker, metal and glass. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
					(1.10)	MADE GROUND: Blackish brown gravelly sandy CLAY with abundant brick and waste material (including wrappers, food, diapers, plastic), occasional concrete, metal, glass and insulation. Sand is fine to coarse. Gravel is fine to coarse.		
1.20-2.30	D2			62.80	1.20	MADE GROUND: Brown very gravelly sandy CLAY with frequent brick and concrete, occasional ash, clinker, metal and glass. Sand is fine to coarse. Gravel is fine to coarse.		
					(1.10)			
			Water strike(1) at 2.30m.	61.70	2.30	Complete at 2.30m		▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Strong putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP103

Excavation Method JCB 3CX machine excavated trial pit.	Dimensions 1.50m x 0.50m x 2.40m	Ground Level (mOD) 64.00	Client Blackley Developments Ltd	Job Number LKC 19 1139
	Location 383986 E 403036 N	Dates 09/04/2019-10/04/2019	Project Contractor Total Plant Hire Ltd	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-2.40	DB1					MADE GROUND: Brown very gravelly cobbly sandy CLAY with abundant brick (whole and fragments), ash, clinker, frequent plastic, waste wrappers, metal, glass, occasional pottery, concrete, wires and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
			Water strike(1) at 2.40m.	61.60	2.40	Complete at 2.40m		▽1



Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)	Logged By	Figure No.
1:40	KW	LKC 19 1139.TP104

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.10m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383972 E 403033 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-0.50	DB1				(0.50)	MADE GROUND: Brown very gravelly cobbly sandy CLAY with abundant brick (whole and fragments), frequent rootlets, occasional metal, ash, clinker, glass, plastic and tarmac. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
0.50-2.10	DB2			63.50	0.50	MADE GROUND: Brown very gravelly very sandy cobbly CLAY with abundant brick, frequent waste wrappers, textiles, plastic, ash, clinker, glass and metal. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
					(1.60)			
				61.90	2.10	Complete at 2.10m		


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.
Trial pit dry.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP105

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.20m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383971 E 403014 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-0.80	DB1				(0.80)	MADE GROUND: Brown very gravelly cobbly sandy CLAY with abundant brick (whole and fragments), frequent concrete, ash, clinker, occasional glass, timber and metal. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
0.80-2.20	D2			63.20	0.80	MADE GROUND: Brown very gravelly very sandy silty CLAY with frequent brick, concrete, rootlets, timber and rare ash and clinker. Sand is fine to coarse. Gravel is fine to coarse. Angular flags of sandstone noted at 1.00m.		
					(1.40)			
			Water strike(1) at 2.20m.	61.80	2.20	Complete at 2.20m		▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP106

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.20m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383950 E 403010 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-0.60	DB1					MADE GROUND: Brown very gravelly cobbly sandy CLAY with abundant rootlets, occasional brick, concrete, rare ash, clinker and pottery. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
0.60-2.20	DB2			63.20	0.80	Soft to firm consistency light brown slightly gravelly very sandy silty CLAY. Sand is fine to coarse. Gravel is fine and subangular to subrounded comprising mudstone and coal.		
				61.80	2.20	Complete at 2.20m		∇1
			Water strike(1) at 2.20m.					


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP107

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 1.80m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383924 E 403016 N

Dates

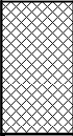
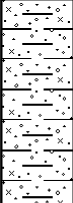
09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-0.70	DB1				(0.70)	MADE GROUND: Brown very gravelly very sandy cobbly CLAY with abundant rootlets, brick, frequent concrete, occasional ash, clinker, coal, metal, plastic and pottery. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
0.70-1.80	D2			63.30	0.70	Soft to firm consistency light brown slightly gravelly very sandy silty CLAY. Sand is fine to coarse. Gravel is fine and subangular to subrounded comprising mudstone and coal.		
			Water strike(1) at 1.80m.	62.20	1.80	Complete at 1.80m		▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP108

Excavation Method

JCB 3CX machine excavated
trial pit.

Dimensions

1.50m x 0.50m x 1.50m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383906 E 403019 N

Dates

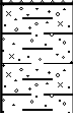
09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-0.90	DB1				(0.90)	MADE GROUND: Brown very gravelly very sandy cobbly CLAY with abundant rootlets, brick, frequent concrete, occasional ash, clinker, coal, metal, plastic and pottery. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
0.90-1.50	D2			63.10	0.90 (0.60)	Soft to firm consistency light brown slightly gravelly very sandy silty CLAY. Sand is fine to coarse. Gravel is fine and subangular to subrounded comprising mudstone and coal.		
				62.50	1.50	Complete at 1.50m		


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.
Trial pit dry.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP109

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.00m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383955 E 403025 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-2.00	DB1			62.00	(2.00) 2.00	MADE GROUND: Brown very gravelly very sandy cobbly CLAY with abundant brick, ash and clinker, frequent concrete, waste wrappers, textiles, plastic, metal and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete. Complete at 2.00m		


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.
Trial pit dry.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP110

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.00m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383939 E 403031 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-1.60	DB1					MADE GROUND: Brown very gravelly very sandy cobbly CLAY with abundant brick, ash and clinker, frequent concrete, plastic, metal and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and reinforced concrete. (2.00) Large metal sheets identified at 1.50m.		
			Water strike(1) at 2.00m.	62.00	2.00	Complete at 2.00m		▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP111

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 1.60m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383918 E 403030 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-1.60	DB1		Water strike(1) at 1.60m.	62.40	1.60	MADE GROUND: Brown very gravelly very sandy cobbly CLAY with abundant wires, cables, brick, ash and clinker, frequent concrete, plastic, metal and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and reinforced concrete. Hydrocarbon odour noted in water at base of pit. Complete at 1.60m		▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP112

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.20m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383906 E 403040 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-2.20	DB1					MADE GROUND: Brown gravelly sandy cobbly CLAY with abundant brick, frequent concrete, plastic, metal, waste wrappers and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete. (1.60) Abundant wires and cables noted at 1.00m.		
			Water strike(1) at 1.90m.	62.40	1.60	Complete at 2.20m		∇ ₁


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP113

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 1.70m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383911 E 403057 N

Dates

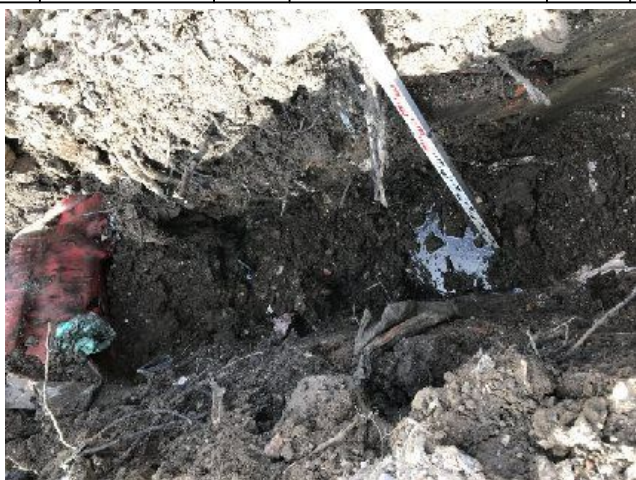
09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet
1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-1.70	DB1					MADE GROUND: Brown gravelly sandy cobbly CLAY with abundant brick, frequent concrete, plastic, metal, waste wrappers and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete. Large concrete blocks noted at 0.50m.		
			Water strike(1) at 1.70m.	62.30	(1.70) 1.70	Complete at 1.70m		▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP114

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 1.90m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383921 E 403047 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-1.90	DB1					MADE GROUND: Dark brown very gravelly cobbly sandy CLAY with frequent brick, ash, clinker and occasional metal, waste wrappers, plastic and glass. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
			Water strike(1) at 1.90m.	62.30	(1.70) 1.70	Complete at 1.90m		√1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP115

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.10m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**

LKC 19 1139

Location

383928 E 403038 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet

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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-2.10	DB1					MADE GROUND: Dark brown very gravelly cobbly sandy CLAY with frequent brick, ash, clinker and occasional textiles, metal, waste wrappers, plastic and glass. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
					(1.70)			
				62.30	1.70	Complete at 2.10m		
			Water strike(1) at 2.10m.					Σ1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemapttools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP116

Excavation Method JCB 3CX machine excavated trial pit.	Dimensions 1.50m x 0.50m x 2.40m	Ground Level (mOD) 64.00	Client Blackley Developments Ltd	Job Number LKC 19 1139
	Location 383952 E 403041 N	Dates 09/04/2019-10/04/2019	Project Contractor Total Plant Hire Ltd	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-2.40	DB1					MADE GROUND: Dark brown very gravelly cobbly clayey SAND with abundant brick, frequent ash, clinker, concrete, occasional waste wrappers, metal, glass, plastic and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete.		
				62.30	1.70	Complete at 2.40m		



Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.
Trial pit dry.

Scale (approx)	Logged By	Figure No.
1:40	KW	LKC 19 1139.TP117

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 1.80m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383937 E 403046 N

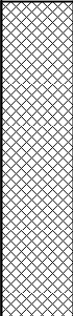
Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-1.80	DB1			62.30	(1.70) 1.70	MADE GROUND: Dark brown very gravelly cobbly clayey SAND with abundant brick, frequent ash, clinker, concrete, occasional waste wrappers, metal, glass, plastic and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete. Likely ACM identified at base of pit. Complete at 1.80m		


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.
Trial pit dry.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP118

Excavation Method

JCB 3CX machine excavated trial pit.

Dimensions

1.50m x 0.50m x 2.30m

Ground Level (mOD)

64.00

Client

Blackley Developments Ltd

**Job
Number**
LKC 19 1139

Location

383935 E 403058 N

Dates

09/04/2019-
10/04/2019

Project Contractor

Total Plant Hire Ltd

Sheet
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Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.00-2.30	DB1					MADE GROUND: Dark brown very gravelly cobbly clayey SAND with abundant brick and clay inclusions, frequent ash, clinker, concrete, occasional waste wrappers, metal, glass, plastic and timber. Sand is fine to coarse. Gravel is fine to coarse. Cobbles are angular comprising brick and concrete. (1.70) 62.30 1.70 Likely ACM identified at base of pit. Complete at 2.30m		
			Water strike(1) at 2.30m.					▽1


Remarks

Trial pit slightly unstable.
Elevation estimated from www.freemaptools.com/elevation-finder.
GPS coordinates accurate to 3-5m.
Moderate putrid and organic odour noted throughout the material.

Scale (approx)

1:40

Logged By

KW

Figure No.

LKC 19 1139.TP119

Appendix B

Certificates of Analysis – Soil



Final Report

Report No.: 19-12681-1

Initial Date of Issue: 23-Apr-2019

Client LK Consult

Client Address: Unit 29 Eton Business Park
Eton Hill Road
Radcliffe
Manchester
Lancashire
M26 2ZS

Contact(s): Colin Crompton
Contaminated Land
Kerrell Walley

Project LKC 19 1139 Blackley Mere 2

Quotation No.: **Date Received:** 11-Apr-2019

Order No.: 736876 **Date Instructed:** 12-Apr-2019

No. of Samples: 27

Turnaround (Wkdays): 5 **Results Due:** 18-Apr-2019

Date Approved: 23-Apr-2019

Approved By:

Details: Martin Dyer, Laboratory Manager

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810032	810033	810034	810036	810039	810041	810042
	Client Sample ID.:				TP101	TP101	TP102	TP103	TP103	TP105	TP106	TP107	TP108
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	1.00	0.10	1.20	0.00	0.80	0.60	0.00
	Bottom Depth (m):				0.80	1.40	1.80	1.20	2.30	0.50	2.20	2.20	0.70
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
Determinand	Accred.	SOP	Units	LOD									
pH	U	1010		N/A		8.5					8.3		
pH	U	1010		N/A	8.2		8.2	7.7	8.0	8.0		7.7	8.5
Sulphate	U	1220	mg/l	1.0		300					40		
Sulphate	U	1220	mg/l	1.0	1500		90	1500	1500	1100		59	1600
Cyanide (Total)	U	1300	mg/l	0.050		< 0.050					< 0.050		
Cyanide (Total)	U	1300	mg/l	0.050	< 0.050		< 0.050	< 0.050	< 0.050	< 0.050		< 0.050	< 0.050
Cyanide (Free)	U	1300	mg/l	0.050		< 0.050					< 0.050		
Cyanide (Free)	U	1300	mg/l	0.050	< 0.050		< 0.050	< 0.050	< 0.050	< 0.050		< 0.050	< 0.050
Calcium	U	1415	mg/l	5.0		160					31		
Calcium	U	1415	mg/l	5.0	590		55	610	620	470		29	640
Hardness	U	1415	mg/l	15		410					84		
Hardness	U	1415	mg/l	15	1600		170	1700	1600	1300		81	1600
Arsenic (Dissolved)	U	1450	µg/l	1.0		9.4					2.3		
Arsenic (Dissolved)	U	1450	µg/l	1.0	7.4		2.9	7.5	8.1	6.3		2.0	7.6
Boron (Dissolved)	U	1450	µg/l	20		34					< 20		
Boron (Dissolved)	U	1450	µg/l	20	61		< 20	250	71	45		< 20	35
Cadmium (Dissolved)	U	1450	µg/l	0.080		< 0.080					< 0.080		
Cadmium (Dissolved)	U	1450	µg/l	0.080	0.11		< 0.080	< 0.080	0.090	< 0.080		< 0.080	0.11
Chromium (Dissolved)	U	1450	µg/l	1.0		51					42		
Chromium (Dissolved)	U	1450	µg/l	1.0	40		53	47	45	52		38	38
Copper (Dissolved)	U	1450	µg/l	1.0		1.9					1.1		
Copper (Dissolved)	U	1450	µg/l	1.0	10		< 1.0	2.5	2.9	7.8		< 1.0	16
Nickel (Dissolved)	U	1450	µg/l	1.0		2.4					< 1.0		
Nickel (Dissolved)	U	1450	µg/l	1.0	3.0		< 1.0	7.0	3.9	2.4		< 1.0	4.1
Lead (Dissolved)	U	1450	µg/l	1.0		< 1.0					1.2		
Lead (Dissolved)	U	1450	µg/l	1.0	1.7		1.4	17	2.3	1.9		< 1.0	< 1.0
Selenium (Dissolved)	U	1450	µg/l	1.0		< 1.0					< 1.0		
Selenium (Dissolved)	U	1450	µg/l	1.0	< 1.0		< 1.0	1.9	1.4	2.0		< 1.0	2.4
Vanadium (Dissolved)	U	1450	µg/l	1.0		24					14		
Vanadium (Dissolved)	U	1450	µg/l	1.0	13		17	15	16	17		13	14
Zinc (Dissolved)	U	1450	µg/l	1.0		7.0					< 1.0		
Zinc (Dissolved)	U	1450	µg/l	1.0	22		3.7	35	24	22		< 1.0	23
Mercury Low Level	U	1460	µg/l	0.010		< 0.010					< 0.010		
Mercury Low Level	U	1460	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Chromium (Hexavalent)	U	1490	µg/l	20		< 20					< 20		
Chromium (Hexavalent)	U	1490	µg/l	20	< 20		< 20	< 20	< 20	< 20		< 20	< 20
C2 Aliphatic TPH >C5-C6	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C6-C8	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	
Quotation No.:	Chemtest Sample ID.:				810029	810030	810032	810033	810034	810036	810039	810041	810042
	Client Sample ID.:				TP101	TP101	TP102	TP103	TP103	TP105	TP106	TP107	TP108
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	1.00	0.10	1.20	0.00	0.80	0.60	0.00
	Bottom Depth (m):				0.80	1.40	1.80	1.20	2.30	0.50	2.20	2.20	0.70
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
Determinand	Accred.	SOP	Units	LOD									
C2 Aliphatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
Total Aliphatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0
C2 Aromatic TPH >C5-C7	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C7-C8	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	< 0.10
C2 Total Aromatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0
Total Petroleum Hydrocarbons	N	1675	µg/l	10	< 10		< 10	< 10	< 10	< 10		< 10	< 10
Dissolved Organic Carbon	U	1610	mg/l	2.0		24					19		
Dissolved Organic Carbon	U	1610	mg/l	2.0	31		20	68	47	38		24	34
Fuel Type	N	1670		N/A		N/A					N/A		
Fuel Type	N	1670		N/A	N/A		N/A	N/A	N/A	N/A		N/A	N/A
Aliphatic TPH >C5-C6	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aliphatic TPH >C6-C8	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aliphatic TPH >C8-C10	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aliphatic TPH >C10-C12	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aliphatic TPH >C12-C16	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aliphatic TPH >C16-C21	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aliphatic TPH >C21-C35	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aliphatic TPH >C35-C44	N	1675	µg/l	0.10		< 0.10					< 0.10		
Total Aliphatic Hydrocarbons	N	1675	µg/l	5.0		< 5.0					< 5.0		
Aromatic TPH >C5-C7	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aromatic TPH >C7-C8	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aromatic TPH >C8-C10	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aromatic TPH >C10-C12	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aromatic TPH >C12-C16	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aromatic TPH >C16-C21	N	1675	µg/l	0.10		< 0.10					< 0.10		
Aromatic TPH >C21-C35	N	1675	µg/l	0.10		< 0.10					< 0.10		
Total Aromatic Hydrocarbons	N	1675	µg/l	5.0		< 5.0					< 5.0		
Total Petroleum Hydrocarbons	N	1675	µg/l	10		< 10					< 10		
Dichlorodifluoromethane	U	1760	µg/l	1.0		< 1.0					< 1.0		

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:									
Quotation No.:	Chemtest Sample ID.:									
	Client Sample ID.:	TP101	TP101	TP102	TP103	TP103	TP105	TP106	TP107	TP108
	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):	0.00	0.80	1.00	0.10	1.20	0.00	0.80	0.60	0.00
	Bottom Depth (m):	0.80	1.40	1.80	1.20	2.30	0.50	2.20	2.20	0.70
	Date Sampled:	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
Determinand	Accred.	SOP	Units	LOD						
Chloromethane	U	1760	µg/l	1.0		< 1.0			< 1.0	
Vinyl Chloride	N	1760	µg/l	1.0		< 1.0			< 1.0	
Bromomethane	U	1760	µg/l	5.0		< 5.0			< 5.0	
Chloroethane	U	1760	µg/l	2.0		< 2.0			< 2.0	
Trichlorofluoromethane	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,1-Dichloroethene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Trans 1,2-Dichloroethene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,1-Dichloroethane	U	1760	µg/l	1.0		< 1.0			< 1.0	
cis 1,2-Dichloroethene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Bromochloromethane	U	1760	µg/l	5.0		< 5.0			< 5.0	
Trichloromethane	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,1,1-Trichloroethane	U	1760	µg/l	1.0		< 1.0			< 1.0	
Tetrachloromethane	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,1-Dichloropropene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Benzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Benzene	U	1760	µg/l	1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	U	1760	µg/l	2.0		< 2.0			< 2.0	
Trichloroethene	N	1760	µg/l	1.0		< 1.0			< 1.0	
1,2-Dichloropropane	U	1760	µg/l	1.0		< 1.0			< 1.0	
Dibromomethane	U	1760	µg/l	10		< 10			< 10	
Bromodichloromethane	U	1760	µg/l	5.0		< 5.0			< 5.0	
cis-1,3-Dichloropropene	N	1760	µg/l	10		< 10			< 10	
Toluene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Toluene	U	1760	µg/l	1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	1760	µg/l	10		< 10			< 10	
1,1,2-Trichloroethane	U	1760	µg/l	10		< 10			< 10	
Tetrachloroethene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,3-Dichloropropane	U	1760	µg/l	2.0		< 2.0			< 2.0	
Dibromochloromethane	U	1760	µg/l	10		< 10			< 10	
1,2-Dibromoethane	U	1760	µg/l	5.0		< 5.0			< 5.0	
Chlorobenzene	N	1760	µg/l	1.0		< 1.0			< 1.0	
1,1,1,2-Tetrachloroethane	U	1760	µg/l	2.0		< 2.0			< 2.0	
Ethylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Ethylbenzene	U	1760	µg/l	1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	1760	µg/l	1.0		< 1.0			1.4	
m & p-Xylene	U	1760	µg/l	1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	1760	µg/l	1.0		< 1.0			< 1.0	
o-Xylene	U	1760	µg/l	1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Styrene	U	1760	µg/l	1.0		< 1.0			< 1.0	

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:									
Quotation No.:	Chemtest Sample ID.:									
	Client Sample ID.:	TP101	TP101	TP102	TP103	TP103	TP105	TP106	TP107	TP108
	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):	0.00	0.80	1.00	0.10	1.20	0.00	0.80	0.60	0.00
	Bottom Depth (m):	0.80	1.40	1.80	1.20	2.30	0.50	2.20	2.20	0.70
	Date Sampled:	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
Determinand	Accred.	SOP	Units	LOD						
Tribromomethane	U	1760	µg/l	1.0		< 1.0			< 1.0	
Isopropylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Bromobenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,2,3-Trichloropropane	N	1760	µg/l	50		< 50			< 50	
N-Propylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
2-Chlorotoluene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,3,5-Trimethylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
4-Chlorotoluene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Tert-Butylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,2,4-Trimethylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Sec-Butylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,3-Dichlorobenzene	N	1760	µg/l	1.0		< 1.0			< 1.0	
4-Isopropyltoluene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,4-Dichlorobenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
N-Butylbenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,2-Dichlorobenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,2-Dibromo-3-Chloropropane	U	1760	µg/l	50		< 50			< 50	
1,2,4-Trichlorobenzene	U	1760	µg/l	1.0		< 1.0			< 1.0	
Hexachlorobutadiene	U	1760	µg/l	1.0		< 1.0			< 1.0	
1,2,3-Trichlorobenzene	U	1760	µg/l	2.0		< 2.0			< 2.0	
Methyl Tert-Butyl Ether	N	1760	µg/l	1.0		< 1.0			< 1.0	
Methyl Tert-Butyl Ether	N	1760	µg/l	1.0	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0
Phenol	N	1790	µg/l	0.050		< 0.050			< 0.050	
2-Chlorophenol	N	1790	µg/l	0.050		< 0.050			< 0.050	
Bis-(2-Chloroethyl)Ether	N	1790	µg/l	0.050		< 0.050			< 0.050	
1,3-Dichlorobenzene	N	1790	µg/l	0.050		< 0.050			< 0.050	
1,4-Dichlorobenzene	N	1790	µg/l	0.050		< 0.050			< 0.050	
1,2-Dichlorobenzene	N	1790	µg/l	0.050		< 0.050			< 0.050	
2-Methylphenol (o-Cresol)	N	1790	µg/l	0.050		< 0.050			< 0.050	
Bis(2-Chloroisopropyl)Ether	N	1790	µg/l	0.050		< 0.050			< 0.050	
Hexachloroethane	N	1790	µg/l	0.050		< 0.050			< 0.050	
N-Nitrosodi-n-propylamine	N	1790	µg/l	0.050		< 0.050			< 0.050	
4-Methylphenol	N	1790	µg/l	0.050		< 0.050			< 0.050	
Nitrobenzene	N	1790	µg/l	0.050		< 0.050			< 0.050	
Isophorone	N	1790	µg/l	0.050		< 0.050			< 0.050	
2-Nitrophenol	N	1790	µg/l	0.050		< 0.050			< 0.050	
2,4-Dimethylphenol	N	1790	µg/l	0.050		< 0.050			< 0.050	
Bis(2-Chloroethoxy)Methane	N	1790	µg/l	0.050		< 0.050			< 0.050	
2,4-Dichlorophenol	N	1790	µg/l	0.050		< 0.050			< 0.050	

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810032	810033	810034	810036	810039	810041	810042
	Client Sample ID.:				TP101	TP101	TP102	TP103	TP103	TP105	TP106	TP107	TP108
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	1.00	0.10	1.20	0.00	0.80	0.60	0.00
	Bottom Depth (m):				0.80	1.40	1.80	1.20	2.30	0.50	2.20	2.20	0.70
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
Determinand	Accred.	SOP	Units	LOD									
1,2,4-Trichlorobenzene	N	1790	µg/l	0.050		< 0.050					< 0.050		
4-Chloroaniline	N	1790	µg/l	0.050		< 0.050					< 0.050		
Hexachlorobutadiene	N	1790	µg/l	0.050		< 0.050					< 0.050		
4-Chloro-3-Methylphenol	N	1790	µg/l	0.050		< 0.050					< 0.050		
2-Methylnaphthalene	N	1790	µg/l	0.050		< 0.050					< 0.050		
Hexachlorocyclopentadiene	N	1790	µg/l	0.050		< 0.050					< 0.050		
2,4,6-Trichlorophenol	N	1790	µg/l	0.050		< 0.050					< 0.050		
2,4,5-Trichlorophenol	N	1790	µg/l	0.050		< 0.050					< 0.050		
2-Chloronaphthalene	N	1790	µg/l	0.050		< 0.050					< 0.050		
2-Nitroaniline	N	1790	µg/l	0.050		< 0.050					< 0.050		
Dimethylphthalate	N	1790	µg/l	0.050		< 0.050					< 0.050		
2,6-Dinitrotoluene	N	1790	µg/l	0.050		< 0.050					< 0.050		
3-Nitroaniline	N	1790	µg/l	0.050		< 0.050					< 0.050		
Dibenzofuran	N	1790	µg/l	0.050		< 0.050					< 0.050		
4-Chlorophenylphenylether	N	1790	µg/l	0.050		< 0.050					< 0.050		
2,4-Dinitrotoluene	N	1790	µg/l	0.050		< 0.050					< 0.050		
Diethyl Phthalate	N	1790	µg/l	0.050		< 0.050					< 0.050		
4-Nitroaniline	N	1790	µg/l	0.050		< 0.050					< 0.050		
2-Methyl-4,6-Dinitrophenol	N	1790	µg/l	0.050		< 0.050					< 0.050		
Azobenzene	N	1790	µg/l	0.050		< 0.050					< 0.050		
4-Bromophenylphenyl Ether	N	1790	µg/l	0.050		< 0.050					< 0.050		
Hexachlorobenzene	N	1790	µg/l	0.050		< 0.050					< 0.050		
Pentachlorophenol	N	1790	µg/l	0.050		< 0.050					< 0.050		
Carbazole	N	1790	µg/l	0.050		< 0.050					< 0.050		
Di-N-Butyl Phthalate	N	1790	µg/l	0.050		< 0.050					< 0.050		
Butylbenzyl Phthalate	N	1790	µg/l	0.050		< 0.050					< 0.050		
Benzo[a]anthracene	N	1790	µg/l	0.050		< 0.050					< 0.050		
Bis(2-Ethylhexyl)Phthalate	N	1790	µg/l	0.050		< 0.050					< 0.050		
Di-N-Octyl Phthalate	N	1790	µg/l	0.050		< 0.050					< 0.050		
Naphthalene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Naphthalene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Acenaphthylene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Acenaphthylene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Acenaphthene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Acenaphthene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Fluorene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Fluorene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Phenanthrene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Phenanthrene	U	1800	µg/l	0.10		< 0.10					< 0.10		

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810032	810033	810034	810036	810039	810041	810042
	Client Sample ID.:				TP101	TP101	TP102	TP103	TP103	TP105	TP106	TP107	TP108
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	1.00	0.10	1.20	0.00	0.80	0.60	0.00
	Bottom Depth (m):				0.80	1.40	1.80	1.20	2.30	0.50	2.20	2.20	0.70
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
Determinand	Accred.	SOP	Units	LOD									
Anthracene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Anthracene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Fluoranthene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Fluoranthene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Pyrene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Pyrene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Benzo[a]anthracene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Benzo[a]anthracene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Chrysene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Chrysene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Benzo[b]fluoranthene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Benzo[b]fluoranthene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Benzo[k]fluoranthene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Benzo[k]fluoranthene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Benzo[a]pyrene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Benzo[a]pyrene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Indeno(1,2,3-c,d)Pyrene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Indeno(1,2,3-c,d)Pyrene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Dibenz(a,h)Anthracene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Dibenz(a,h)Anthracene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Benzo[g,h,i]perylene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010	< 0.010		< 0.010	< 0.010
Benzo[g,h,i]perylene	U	1800	µg/l	0.10		< 0.10					< 0.10		
Total Of 16 PAH's	U	1800	µg/l	2.0		< 2.0					< 2.0		
Total Phenols	U	1920	mg/l	0.030		< 0.030					< 0.030		
Total Phenols	U	1920	mg/l	0.030	< 0.030		< 0.030	< 0.030	< 0.030	< 0.030		< 0.030	< 0.030

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810043	810045	810047	810048	810050	810051	810053	810054
	Client Sample ID.:				TP108	TP109	TP111	TP112	TP114	TP115	TP117	TP118
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.70	0.90	0.00	0.00	0.10	0.00	0.20	0.10
	Bottom Depth (m):				1.80	1.50	2.00	1.60	1.70	1.90	2.40	1.80
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019
Determinand	Accred.	SOP	Units	LOD								
pH	U	1010		N/A		7.3		8.0				10.2
pH	U	1010		N/A	7.1		9.2		7.9	7.9	7.9	
Sulphate	U	1220	mg/l	1.0		17		1500				790
Sulphate	U	1220	mg/l	1.0	91		1400		1700	1100	1500	
Cyanide (Total)	U	1300	mg/l	0.050		< 0.050		< 0.050				< 0.050
Cyanide (Total)	U	1300	mg/l	0.050	< 0.050		< 0.050		< 0.050	< 0.050	< 0.050	
Cyanide (Free)	U	1300	mg/l	0.050		< 0.050		< 0.050				< 0.050
Cyanide (Free)	U	1300	mg/l	0.050	< 0.050		< 0.050		< 0.050	< 0.050	< 0.050	
Calcium	U	1415	mg/l	5.0		< 5.0		570				370
Calcium	U	1415	mg/l	5.0	40		760		660	460	690	
Hardness	U	1415	mg/l	15		< 15		1500				920
Hardness	U	1415	mg/l	15	110		1900		1700	1200	1800	
Arsenic (Dissolved)	U	1450	µg/l	1.0		< 1.0		< 1.0				3.8
Arsenic (Dissolved)	U	1450	µg/l	1.0	< 1.0		7.3		4.3	1.2	2.5	
Boron (Dissolved)	U	1450	µg/l	20		< 20		62				< 20
Boron (Dissolved)	U	1450	µg/l	20	< 20		< 20		180	39	110	
Cadmium (Dissolved)	U	1450	µg/l	0.080		< 0.080		< 0.080				< 0.080
Cadmium (Dissolved)	U	1450	µg/l	0.080	< 0.080		< 0.080		< 0.080	< 0.080	0.080	
Chromium (Dissolved)	U	1450	µg/l	1.0		< 1.0		< 1.0				< 1.0
Chromium (Dissolved)	U	1450	µg/l	1.0	< 1.0		< 1.0		< 1.0	< 1.0	< 1.0	
Copper (Dissolved)	U	1450	µg/l	1.0		< 1.0		< 1.0				15
Copper (Dissolved)	U	1450	µg/l	1.0	< 1.0		18		2.1	4.9	7.3	
Nickel (Dissolved)	U	1450	µg/l	1.0		< 1.0		4.0				2.2
Nickel (Dissolved)	U	1450	µg/l	1.0	< 1.0		5.4		6.9	2.0	3.1	
Lead (Dissolved)	U	1450	µg/l	1.0		< 1.0		< 1.0				< 1.0
Lead (Dissolved)	U	1450	µg/l	1.0	< 1.0		1.6		1.8	< 1.0	1.7	
Selenium (Dissolved)	U	1450	µg/l	1.0		< 1.0		1.7				1.0
Selenium (Dissolved)	U	1450	µg/l	1.0	< 1.0		2.6		3.1	1.6	2.3	
Vanadium (Dissolved)	U	1450	µg/l	1.0		< 1.0		< 1.0				11
Vanadium (Dissolved)	U	1450	µg/l	1.0	< 1.0		< 1.0		< 1.0	< 1.0	< 1.0	
Zinc (Dissolved)	U	1450	µg/l	1.0		< 1.0		25				10
Zinc (Dissolved)	U	1450	µg/l	1.0	< 1.0		18		35	18	28	
Mercury Low Level	U	1460	µg/l	0.010		< 0.010		< 0.010				0.077
Mercury Low Level	U	1460	µg/l	0.010	< 0.010		0.21		0.051	< 0.010	< 0.010	
Chromium (Hexavalent)	U	1490	µg/l	20		< 20		< 20				< 20
Chromium (Hexavalent)	U	1490	µg/l	20	< 20		< 20		< 20	< 20	< 20	
C2 Aliphatic TPH >C5-C6	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	
C2 Aliphatic TPH >C6-C8	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	
C2 Aliphatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:									
Quotation No.:	Chemtest Sample ID.:									
	Client Sample ID.:									
	Sample Type:									
	Top Depth (m):									
	Bottom Depth (m):									
	Date Sampled:									
Determinand	Accred.	SOP	Units	LOD						
C2 Aliphatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aliphatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
Total Aliphatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0		< 5.0		< 5.0	< 5.0
C2 Aromatic TPH >C5-C7	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C7-C8	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Aromatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10		< 0.10		< 0.10	< 0.10
C2 Total Aromatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0		< 5.0		< 5.0	< 5.0
Total Petroleum Hydrocarbons	N	1675	µg/l	10	< 10		< 10		< 10	< 10
Dissolved Organic Carbon	U	1610	mg/l	2.0		15		20		31
Dissolved Organic Carbon	U	1610	mg/l	2.0	24		40		40	29
Fuel Type	N	1670		N/A		N/A		N/A		Gasoline
Fuel Type	N	1670		N/A	N/A		N/A		N/A	N/A
Aliphatic TPH >C5-C6	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aliphatic TPH >C6-C8	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aliphatic TPH >C8-C10	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aliphatic TPH >C10-C12	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aliphatic TPH >C12-C16	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aliphatic TPH >C16-C21	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aliphatic TPH >C21-C35	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aliphatic TPH >C35-C44	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Total Aliphatic Hydrocarbons	N	1675	µg/l	5.0		< 5.0		< 5.0		< 5.0
Aromatic TPH >C5-C7	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aromatic TPH >C7-C8	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aromatic TPH >C8-C10	N	1675	µg/l	0.10		< 0.10		< 0.10		290
Aromatic TPH >C10-C12	N	1675	µg/l	0.10		< 0.10		< 0.10		250
Aromatic TPH >C12-C16	N	1675	µg/l	0.10		< 0.10		< 0.10		160
Aromatic TPH >C16-C21	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Aromatic TPH >C21-C35	N	1675	µg/l	0.10		< 0.10		< 0.10		< 0.10
Total Aromatic Hydrocarbons	N	1675	µg/l	5.0		< 5.0		< 5.0		690
Total Petroleum Hydrocarbons	N	1675	µg/l	10		< 10		< 10		690
Dichlorodifluoromethane	U	1760	µg/l	1.0		< 1.0		< 1.0		< 1.0

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:								
Quotation No.:	Chemtest Sample ID.:								
	Client Sample ID.:	TP108	TP109	TP111	TP112	TP114	TP115	TP117	TP118
	Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):	0.70	0.90	0.00	0.00	0.10	0.00	0.20	0.10
	Bottom Depth (m):	1.80	1.50	2.00	1.60	1.70	1.90	2.40	1.80
	Date Sampled:	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019
Determinand	Accred.	SOP	Units	LOD					
Chloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Vinyl Chloride	N	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Bromomethane	U	1760	µg/l	5.0	< 5.0	< 5.0			< 5.0
Chloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0			< 2.0
Trichlorofluoromethane	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
1,1-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Trans 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
1,1-Dichloroethane	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
cis 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Bromochloromethane	U	1760	µg/l	5.0	< 5.0	< 5.0			< 5.0
Trichloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
1,1,1-Trichloroethane	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Tetrachloromethane	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
1,1-Dichloropropene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Benzene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Benzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0			< 2.0
Trichloroethene	N	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
1,2-Dichloropropane	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Dibromomethane	U	1760	µg/l	10	< 10	< 10			< 10
Bromodichloromethane	U	1760	µg/l	5.0	< 5.0	< 5.0			< 5.0
cis-1,3-Dichloropropene	N	1760	µg/l	10	< 10	< 10			< 10
Toluene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Toluene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	1760	µg/l	10	< 10	< 10			< 10
1,1,2-Trichloroethane	U	1760	µg/l	10	< 10	< 10			< 10
Tetrachloroethene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
1,3-Dichloropropane	U	1760	µg/l	2.0	< 2.0	< 2.0			< 2.0
Dibromochloromethane	U	1760	µg/l	10	< 10	< 10			< 10
1,2-Dibromoethane	U	1760	µg/l	5.0	< 5.0	< 5.0			< 5.0
Chlorobenzene	N	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
1,1,1,2-Tetrachloroethane	U	1760	µg/l	2.0	< 2.0	< 2.0			< 2.0
Ethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
Ethylbenzene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
m & p-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0
o-Xylene	U	1760	µg/l	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	U	1760	µg/l	1.0	< 1.0	< 1.0			< 1.0

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:								
Quotation No.:	Chemtest Sample ID.:								
	Client Sample ID.:								
	Sample Type:								
	Top Depth (m):								
	Bottom Depth (m):								
	Date Sampled:								
Determinand	Accred.	SOP	Units	LOD					
Tribromomethane	U	1760	µg/l	1.0		< 1.0		< 1.0	
Isopropylbenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
Bromobenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,2,3-Trichloropropane	N	1760	µg/l	50		< 50		< 50	
N-Propylbenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
2-Chlorotoluene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,3,5-Trimethylbenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
4-Chlorotoluene	U	1760	µg/l	1.0		< 1.0		< 1.0	
Tert-Butylbenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,2,4-Trimethylbenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
Sec-Butylbenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,3-Dichlorobenzene	N	1760	µg/l	1.0		< 1.0		< 1.0	
4-Isopropyltoluene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,4-Dichlorobenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
N-Butylbenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,2-Dichlorobenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,2-Dibromo-3-Chloropropane	U	1760	µg/l	50		< 50		< 50	
1,2,4-Trichlorobenzene	U	1760	µg/l	1.0		< 1.0		< 1.0	
Hexachlorobutadiene	U	1760	µg/l	1.0		< 1.0		< 1.0	
1,2,3-Trichlorobenzene	U	1760	µg/l	2.0		< 2.0		< 2.0	
Methyl Tert-Butyl Ether	N	1760	µg/l	1.0		< 1.0		< 1.0	
Methyl Tert-Butyl Ether	N	1760	µg/l	1.0	< 1.0		< 1.0		< 1.0
Phenol	N	1790	µg/l	0.050		< 0.050		< 0.050	
2-Chlorophenol	N	1790	µg/l	0.050		< 0.050		< 0.050	
Bis-(2-Chloroethyl)Ether	N	1790	µg/l	0.050		< 0.050		< 0.050	
1,3-Dichlorobenzene	N	1790	µg/l	0.050		< 0.050		< 0.050	
1,4-Dichlorobenzene	N	1790	µg/l	0.050		< 0.050		< 0.050	
1,2-Dichlorobenzene	N	1790	µg/l	0.050		< 0.050		< 0.050	
2-Methylphenol (o-Cresol)	N	1790	µg/l	0.050		< 0.050		< 0.050	
Bis(2-Chloroisopropyl)Ether	N	1790	µg/l	0.050		< 0.050		< 0.050	
Hexachloroethane	N	1790	µg/l	0.050		< 0.050		< 0.050	
N-Nitrosodi-n-propylamine	N	1790	µg/l	0.050		< 0.050		< 0.050	
4-Methylphenol	N	1790	µg/l	0.050		< 0.050		< 0.050	
Nitrobenzene	N	1790	µg/l	0.050		< 0.050		< 0.050	
Isophorone	N	1790	µg/l	0.050		< 0.050		< 0.050	
2-Nitrophenol	N	1790	µg/l	0.050		< 0.050		< 0.050	
2,4-Dimethylphenol	N	1790	µg/l	0.050		< 0.050		< 0.050	
Bis(2-Chloroethoxy)Methane	N	1790	µg/l	0.050		< 0.050		< 0.050	
2,4-Dichlorophenol	N	1790	µg/l	0.050		< 0.050		< 0.050	

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:									
Quotation No.:	Chemtest Sample ID.:									
	Client Sample ID.:									
	Sample Type:									
	Top Depth (m):									
	Bottom Depth (m):									
	Date Sampled:									
Determinand	Accred.	SOP	Units	LOD	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
1,2,4-Trichlorobenzene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
4-Chloroaniline	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Hexachlorobutadiene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
4-Chloro-3-Methylphenol	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2-Methylnaphthalene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Hexachlorocyclopentadiene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2,4,6-Trichlorophenol	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2,4,5-Trichlorophenol	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2-Chloronaphthalene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2-Nitroaniline	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Dimethylphthalate	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2,6-Dinitrotoluene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
3-Nitroaniline	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Dibenzofuran	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
4-Chlorophenylphenylether	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2,4-Dinitrotoluene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Diethyl Phthalate	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
4-Nitroaniline	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
2-Methyl-4,6-Dinitrophenol	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Azobenzene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
4-Bromophenylphenyl Ether	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Hexachlorobenzene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Pentachlorophenol	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Carbazole	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Di-N-Butyl Phthalate	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Butylbenzyl Phthalate	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Benzo[a]anthracene	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Bis(2-Ethylhexyl)Phthalate	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Di-N-Octyl Phthalate	N	1790	µg/l	0.050		< 0.050		< 0.050		< 0.050
Naphthalene	N	1800	µg/l	0.010	< 0.010		< 0.010		< 0.010	
Naphthalene	U	1800	µg/l	0.10		< 0.10		< 0.10		54
Acenaphthylene	N	1800	µg/l	0.010	< 0.010		< 0.010		< 0.010	
Acenaphthylene	U	1800	µg/l	0.10		< 0.10		< 0.10		0.15
Acenaphthene	N	1800	µg/l	0.010	< 0.010		< 0.010		< 0.010	
Acenaphthene	U	1800	µg/l	0.10		< 0.10		< 0.10		4.7
Fluorene	N	1800	µg/l	0.010	< 0.010		< 0.010		< 0.010	
Fluorene	U	1800	µg/l	0.10		< 0.10		< 0.10		1.7
Phenanthrene	N	1800	µg/l	0.010	< 0.010		< 0.010		< 0.010	
Phenanthrene	U	1800	µg/l	0.10		< 0.10		< 0.10		7.6

Results - Leachate

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:								
Quotation No.:	Chemtest Sample ID.:								
	Client Sample ID.:								
	Sample Type:								
	Top Depth (m):								
	Bottom Depth (m):								
	Date Sampled:								
Determinand	Accred.	SOP	Units	LOD					
Anthracene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Anthracene	U	1800	µg/l	0.10		< 0.10	< 0.10		1.1
Fluoranthene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Fluoranthene	U	1800	µg/l	0.10		< 0.10	< 0.10		0.55
Pyrene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Pyrene	U	1800	µg/l	0.10		< 0.10	< 0.10		0.32
Benzo[a]anthracene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Benzo[a]anthracene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Chrysene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Chrysene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Benzo[b]fluoranthene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Benzo[b]fluoranthene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Benzo[k]fluoranthene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Benzo[k]fluoranthene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Benzo[a]pyrene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Benzo[a]pyrene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Indeno(1,2,3-c,d)Pyrene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Indeno(1,2,3-c,d)Pyrene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Dibenz(a,h)Anthracene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Dibenz(a,h)Anthracene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Benzo[g,h,i]perylene	N	1800	µg/l	0.010	< 0.010		< 0.010	< 0.010	< 0.010
Benzo[g,h,i]perylene	U	1800	µg/l	0.10		< 0.10	< 0.10		< 0.10
Total Of 16 PAH's	U	1800	µg/l	2.0		< 2.0	< 2.0		70
Total Phenols	U	1920	mg/l	0.030		< 0.030	< 0.030		< 0.030
Total Phenols	U	1920	mg/l	0.030	< 0.030		< 0.030	< 0.030	< 0.030

Results - Soil

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810031	810032	810033	810034	810035	810036
	Client Sample ID.:				TP101	TP101	TP102	TP102	TP103	TP103	TP104	TP105
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	0.00	1.00	0.10	1.20	0.00	0.00
	Bottom Depth (m):				0.80	1.40	1.00	1.80	1.20	2.30	2.40	0.50
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
ACM Type	U	2192		N/A	-	Fibres/Clumps	Fibres/Clumps	-	-	Fibres/Clumps	-	Fibres/Clumps
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected	Chrysotile	Chrysotile	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected	Chrysotile
ACM Detection Stage	U	2192		N/A	-	Stereo Microscopy	Stereo Microscopy	-	-	Stereo Microscopy	-	Stereo Microscopy
Asbestos by Gravimetry	U	2192	%	0.001		0.004	0.002			<0.001		<0.001
Total Asbestos	N	2192	%	0.001		0.004	0.002			<0.001		<0.001
Moisture	N	2030	%	0.020	16	28	19	15	21	19	17	16
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture	N	2040		N/A	Clay	Clay	Sand	Clay	Sand	Clay	Clay	Sand
Chromatogram (TPH)	N			N/A	See Attached		See Attached	See Attached	See Attached	See Attached	See Attached	See Attached
pH	M	2010		N/A	9.7	9.0	8.2	8.3	8.0	8.3	7.9	8.4
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	1.3	2.0	1.5	0.45	3.6	1.3	2.5	0.99
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	1.4	1.4	0.27	0.034	1.6	1.3	1.6	1.1
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Arsenic	M	2450	mg/kg	1.0	58	36	84	14	26	20	22	24
Cadmium	M	2450	mg/kg	0.10	0.50	0.51	1.3	0.32	0.57	0.43	0.45	0.52
Chromium	M	2450	mg/kg	1.0	25	26	84	31	34	27	21	25
Copper	M	2450	mg/kg	0.50	37	48	600	35	54	47	62	58
Mercury	M	2450	mg/kg	0.10	0.42	0.45	0.58	< 0.10	0.46	0.21	1.3	2.6
Nickel	M	2450	mg/kg	0.50	24	29	48	40	28	28	19	25
Lead	M	2450	mg/kg	0.50	86	170	300	26	290	140	310	180
Selenium	M	2450	mg/kg	0.20	< 0.20	0.40	0.83	0.27	0.49	0.51	0.26	0.57
Vanadium	U	2450	mg/kg	5.0	27	27	54	28	28	32	23	29
Zinc	M	2450	mg/kg	0.50	110	140	260	78	240	110	340	160
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	3.6	4.0	8.8	1.5	7.2	3.8	6.4	7.1
Fuel Type	N	2670		N/A	PAH	PAH	PAH	N/A	PAH/Lube	PAH	PAH	PAH
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	20	< 1.0	< 1.0	< 1.0

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810031	810032	810033	810034	810035	810036
	Client Sample ID.:				TP101	TP101	TP102	TP102	TP103	TP103	TP104	TP105
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	0.00	1.00	0.10	1.20	0.00	0.00
	Bottom Depth (m):				0.80	1.40	1.00	1.80	1.20	2.30	2.40	0.50
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	47	13	28	< 1.0	430	15	15	27
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	30	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	47	13	28	< 5.0	480	15	15	27
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.4	< 1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	2.2	2.5	4.7	< 1.0	9.0	4.5	1.8	11
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	99	35	58	< 1.0	97	120	21	160
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	100	38	63	< 5.0	110	120	23	170
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	150	51	91	< 10	600	140	37	200
Dichlorodifluoromethane	U	2760	µg/kg	1.0		< 1.0						
Chloromethane	M	2760	µg/kg	1.0		4.8						
Vinyl Chloride	M	2760	µg/kg	1.0		< 1.0						
Bromomethane	M	2760	µg/kg	20		< 20						
Chloroethane	U	2760	µg/kg	2.0		< 2.0						
Trichlorofluoromethane	M	2760	µg/kg	1.0		< 1.0						
1,1-Dichloroethene	M	2760	µg/kg	1.0		< 1.0						
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0		< 1.0						
1,1-Dichloroethane	M	2760	µg/kg	1.0		< 1.0						
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0		< 1.0						
Bromochloromethane	U	2760	µg/kg	5.0		< 5.0						
Trichloromethane	M	2760	µg/kg	1.0		< 1.0						
1,1,1-Trichloroethane	M	2760	µg/kg	1.0		< 1.0						
Tetrachloromethane	M	2760	µg/kg	1.0		< 1.0						
1,1-Dichloropropene	U	2760	µg/kg	1.0		< 1.0						
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0		< 2.0						
Trichloroethene	N	2760	µg/kg	1.0		< 1.0						
1,2-Dichloropropane	M	2760	µg/kg	1.0		< 1.0						
Dibromomethane	M	2760	µg/kg	1.0		< 1.0						
Bromodichloromethane	M	2760	µg/kg	5.0		< 5.0						
cis-1,3-Dichloropropene	N	2760	µg/kg	10		< 10						
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10		< 10						
1,1,2-Trichloroethane	M	2760	µg/kg	10		< 10						

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810031	810032	810033	810034	810035	810036
	Client Sample ID.:				TP101	TP101	TP102	TP102	TP103	TP103	TP104	TP105
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	0.00	1.00	0.10	1.20	0.00	0.00
	Bottom Depth (m):				0.80	1.40	1.00	1.80	1.20	2.30	2.40	0.50
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Tetrachloroethene	M	2760	µg/kg	1.0		< 1.0						
1,3-Dichloropropane	U	2760	µg/kg	2.0		< 2.0						
Dibromochloromethane	U	2760	µg/kg	10		< 10						
1,2-Dibromoethane	M	2760	µg/kg	5.0		< 5.0						
Chlorobenzene	M	2760	µg/kg	1.0		< 1.0						
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0		< 2.0						
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0		< 1.0						
Tribromomethane	U	2760	µg/kg	1.0		< 1.0						
Isopropylbenzene	M	2760	µg/kg	1.0		< 1.0						
Bromobenzene	M	2760	µg/kg	1.0		< 1.0						
1,2,3-Trichloropropane	N	2760	µg/kg	50		< 50						
N-Propylbenzene	U	2760	µg/kg	1.0		< 1.0						
2-Chlorotoluene	M	2760	µg/kg	1.0		< 1.0						
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0		< 1.0						
4-Chlorotoluene	U	2760	µg/kg	1.0		< 1.0						
Tert-Butylbenzene	U	2760	µg/kg	1.0		< 1.0						
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0		< 1.0						
Sec-Butylbenzene	U	2760	µg/kg	1.0		< 1.0						
1,3-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0						
4-Isopropyltoluene	U	2760	µg/kg	1.0		< 1.0						
1,4-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0						
N-Butylbenzene	U	2760	µg/kg	1.0		< 1.0						
1,2-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0						
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50		< 50						
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0		< 1.0						
Hexachlorobutadiene	U	2760	µg/kg	1.0		< 1.0						
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0		< 2.0						
Carbon Disulphide	N	2760	µg/kg	50		< 50						
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50		< 0.50						
Phenol	M	2790	mg/kg	0.50		< 0.50						
2-Chlorophenol	M	2790	mg/kg	0.50		< 0.50						
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50		< 0.50						
1,3-Dichlorobenzene	M	2790	mg/kg	0.50		< 0.50						
1,4-Dichlorobenzene	N	2790	mg/kg	0.50		< 0.50						

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810031	810032	810033	810034	810035	810036
	Client Sample ID.:				TP101	TP101	TP102	TP102	TP103	TP103	TP104	TP105
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	0.00	1.00	0.10	1.20	0.00	0.00
	Bottom Depth (m):				0.80	1.40	1.00	1.80	1.20	2.30	2.40	0.50
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
1,2-Dichlorobenzene	M	2790	mg/kg	0.50		< 0.50						
2-Methylphenol	M	2790	mg/kg	0.50		< 0.50						
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50		< 0.50						
Hexachloroethane	N	2790	mg/kg	0.50		< 0.50						
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50		< 0.50						
4-Methylphenol	M	2790	mg/kg	0.50		< 0.50						
Nitrobenzene	M	2790	mg/kg	0.50		< 0.50						
Isophorone	M	2790	mg/kg	0.50		< 0.50						
2-Nitrophenol	N	2790	mg/kg	0.50		< 0.50						
2,4-Dimethylphenol	N	2790	mg/kg	0.50		< 0.50						
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50		< 0.50						
2,4-Dichlorophenol	M	2790	mg/kg	0.50		< 0.50						
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50		< 0.50						
Naphthalene	M	2790	mg/kg	0.50		< 0.50						
4-Chloroaniline	N	2790	mg/kg	0.50		< 0.50						
Hexachlorobutadiene	M	2790	mg/kg	0.50		< 0.50						
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50		< 0.50						
2-Methylnaphthalene	M	2790	mg/kg	0.50		< 0.50						
4-Nitrophenol	N	2790	mg/kg	0.50		< 0.50						
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50		< 0.50						
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50		< 0.50						
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50		< 0.50						
2-Chloronaphthalene	M	2790	mg/kg	0.50		< 0.50						
2-Nitroaniline	M	2790	mg/kg	0.50		< 0.50						
Acenaphthylene	M	2790	mg/kg	0.50		< 0.50						
Dimethylphthalate	M	2790	mg/kg	0.50		< 0.50						
2,6-Dinitrotoluene	M	2790	mg/kg	0.50		< 0.50						
Acenaphthene	M	2790	mg/kg	0.50		< 0.50						
3-Nitroaniline	N	2790	mg/kg	0.50		< 0.50						
Dibenzofuran	M	2790	mg/kg	0.50		< 0.50						
4-Chlorophenylphenylether	M	2790	mg/kg	0.50		< 0.50						
2,4-Dinitrotoluene	M	2790	mg/kg	0.50		< 0.50						
Fluorene	M	2790	mg/kg	0.50		< 0.50						
Diethyl Phthalate	M	2790	mg/kg	0.50		< 0.50						
4-Nitroaniline	M	2790	mg/kg	0.50		< 0.50						
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50		< 0.50						
Azobenzene	M	2790	mg/kg	0.50		< 0.50						
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50		< 0.50						

Results - Soil

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810029	810030	810031	810032	810033	810034	810035	810036
	Client Sample ID.:				TP101	TP101	TP102	TP102	TP103	TP103	TP104	TP105
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.00	0.80	0.00	1.00	0.10	1.20	0.00	0.00
	Bottom Depth (m):				0.80	1.40	1.00	1.80	1.20	2.30	2.40	0.50
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Hexachlorobenzene	M	2790	mg/kg	0.50		< 0.50						
Pentachlorophenol	N	2790	mg/kg	0.50		< 0.50						
Phenanthrene	M	2790	mg/kg	0.50		1.5						
Anthracene	M	2790	mg/kg	0.50		< 0.50						
Carbazole	M	2790	mg/kg	0.50		< 0.50						
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50		< 0.50						
Fluoranthene	M	2790	mg/kg	0.50		2.8						
Pyrene	M	2790	mg/kg	0.50		2.7						
Butylbenzyl Phthalate	M	2790	mg/kg	0.50		< 0.50						
Benzo[a]anthracene	M	2790	mg/kg	0.50		1.3						
Chrysene	M	2790	mg/kg	0.50		1.4						
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50		< 0.50						
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50		< 0.50						
Benzo[b]fluoranthene	M	2790	mg/kg	0.50		2.0						
Benzo[k]fluoranthene	M	2790	mg/kg	0.50		0.74						
Benzo[a]pyrene	M	2790	mg/kg	0.50		1.4						
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50		0.73						
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50		< 0.50						
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50		0.92						
Naphthalene	M	2800	mg/kg	0.10	0.25		< 0.10	< 0.10	0.26	1.0	2.0	0.31
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	0.19	0.24	0.72	0.15
Acenaphthene	M	2800	mg/kg	0.10	0.34		< 0.10	< 0.10	0.33	3.1	1.8	0.37
Fluorene	M	2800	mg/kg	0.10	0.17		< 0.10	< 0.10	0.28	2.2	2.4	0.28
Phenanthrene	M	2800	mg/kg	0.10	1.8		0.60	< 0.10	2.3	18	19	2.9
Anthracene	M	2800	mg/kg	0.10	0.33		0.11	< 0.10	0.82	5.4	4.9	0.91
Fluoranthene	M	2800	mg/kg	0.10	3.3		1.2	< 0.10	4.9	23	22	5.6
Pyrene	M	2800	mg/kg	0.10	3.0		1.3	< 0.10	5.3	20	20	5.5
Benzo[a]anthracene	M	2800	mg/kg	0.10	0.56		0.26	< 0.10	1.9	7.9	8.1	2.2
Chrysene	M	2800	mg/kg	0.10	0.79		0.35	< 0.10	2.5	9.0	8.9	2.7
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	1.0		0.57	< 0.10	2.7	10	10	4.2
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	0.38		0.11	< 0.10	1.1	4.2	4.6	1.7
Benzo[a]pyrene	M	2800	mg/kg	0.10	0.58		0.28	< 0.10	1.8	8.3	8.7	3.4
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	0.41		0.20	< 0.10	1.4	6.4	6.6	3.2
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	0.15	1.3	1.2	0.40
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	0.53		0.27	< 0.10	1.5	4.7	5.6	2.2
Total Of 16 PAH's	N	2800	mg/kg	2.0	13		5.3	< 2.0	27	120	130	36
Total Phenols	M	2920	mg/kg	0.30	< 0.30	0.39	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810037	810038	810039	810040	810041	810042	810043	810044
	Client Sample ID.:				TP105	TP106	TP106	TP107	TP107	TP108	TP108	TP109
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.50	0.00	0.80	0.00	0.60	0.00	0.70	0.00
	Bottom Depth (m):				2.10	0.80	2.20	0.60	2.20	0.70	1.80	0.90
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
ACM Type	U	2192		N/A	Fibres/Clumps	Fibres/Clumps	Fibres/Clumps	-	-	Fibres/Clumps	-	-
Asbestos Identification	U	2192	%	0.001	Amosite Chrysotile	Chrysotile	Chrysotile	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	Stereo Microscopy	Stereo Microscopy	Stereo Microscopy	-	-	Stereo Microscopy	-	-
Asbestos by Gravimetry	U	2192	%	0.001	<0.001	0.002	<0.001			<0.001		
Total Asbestos	N	2192	%	0.001	<0.001	0.002	<0.001			<0.001		
Moisture	N	2030	%	0.020	13	18	23	18	13	16	17	15
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture	N	2040		N/A	Loam	Clay	Clay	Clay	Sand	Sand	Clay	Clay
Chromatogram (TPH)	N			N/A	See Attached	See Attached		See Attached	See Attached	See Attached	See Attached	See Attached
pH	M	2010		N/A	8.2	9.3	8.0	9.0	7.8	8.3	7.4	10.0
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.84	0.70	0.69	0.81	< 0.40	1.4	< 0.40	0.64
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	1.2	0.77	0.14	0.37	0.071	1.5	0.049	0.89
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	0.50	1.3	< 0.50	0.80	< 0.50	< 0.50	< 0.50	< 0.50
Arsenic	M	2450	mg/kg	1.0	18	27	20	18	9.4	25	8.2	24
Cadmium	M	2450	mg/kg	0.10	0.40	0.51	0.38	0.35	< 0.10	0.88	< 0.10	0.61
Chromium	M	2450	mg/kg	1.0	30	36	26	31	9.1	26	17	22
Copper	M	2450	mg/kg	0.50	49	140	53	46	24	84	15	64
Mercury	M	2450	mg/kg	0.10	1.1	0.33	0.22	0.48	< 0.10	2.0	0.10	1.9
Nickel	M	2450	mg/kg	0.50	29	28	23	39	11	28	15	25
Lead	M	2450	mg/kg	0.50	120	120	110	190	36	210	17	150
Selenium	M	2450	mg/kg	0.20	< 0.20	0.28	0.50	0.52	0.30	0.29	0.47	0.30
Vanadium	U	2450	mg/kg	5.0	30	30	21	38	13	30	22	31
Zinc	M	2450	mg/kg	0.50	130	120	120	94	27	250	50	160
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	3.3	6.6	5.7	4.3	1.7	10	0.67	4.0
Fuel Type	N	2670		N/A	PAH/Lube	PAH	N/A	PAH	N/A	PAH	N/A	PAH
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.4	< 1.0	3.5
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	8.7	< 1.0	19

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810037	810038	810039	810040	810041	810042	810043	810044
	Client Sample ID.:				TP105	TP106	TP106	TP107	TP107	TP108	TP108	TP109
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.50	0.00	0.80	0.00	0.60	0.00	0.70	0.00
	Bottom Depth (m):				2.10	0.80	2.20	0.60	2.20	0.70	1.80	0.90
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	130	44	< 1.0	70	< 1.0	61	< 1.0	97
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	130	44	< 5.0	70	< 5.0	74	< 5.0	120
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.3
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	21	< 1.0	35
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	4.1	7.8	< 1.0	7.0	< 1.0	100	< 1.0	73
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	270	160	< 1.0	61	< 1.0	410	< 1.0	380
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	270	170	< 5.0	68	< 5.0	540	< 5.0	490
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	400	220	< 10	140	< 10	610	< 10	610
Dichlorodifluoromethane	U	2760	µg/kg	1.0			< 1.0					
Chloromethane	M	2760	µg/kg	1.0			< 1.0					
Vinyl Chloride	M	2760	µg/kg	1.0			< 1.0					
Bromomethane	M	2760	µg/kg	20			< 20					
Chloroethane	U	2760	µg/kg	2.0			< 2.0					
Trichlorofluoromethane	M	2760	µg/kg	1.0			< 1.0					
1,1-Dichloroethene	M	2760	µg/kg	1.0			< 1.0					
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0			< 1.0					
1,1-Dichloroethane	M	2760	µg/kg	1.0			< 1.0					
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0			< 1.0					
Bromochloromethane	U	2760	µg/kg	5.0			< 5.0					
Trichloromethane	M	2760	µg/kg	1.0			< 1.0					
1,1,1-Trichloroethane	M	2760	µg/kg	1.0			< 1.0					
Tetrachloromethane	M	2760	µg/kg	1.0			< 1.0					
1,1-Dichloropropene	U	2760	µg/kg	1.0			< 1.0					
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0			< 2.0					
Trichloroethene	N	2760	µg/kg	1.0			< 1.0					
1,2-Dichloropropane	M	2760	µg/kg	1.0			< 1.0					
Dibromomethane	M	2760	µg/kg	1.0			< 1.0					
Bromodichloromethane	M	2760	µg/kg	5.0			< 5.0					
cis-1,3-Dichloropropene	N	2760	µg/kg	10			< 10					
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10			< 10					
1,1,2-Trichloroethane	M	2760	µg/kg	10			< 10					

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810037	810038	810039	810040	810041	810042	810043	810044
	Client Sample ID.:				TP105	TP106	TP106	TP107	TP107	TP108	TP108	TP109
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.50	0.00	0.80	0.00	0.60	0.00	0.70	0.00
	Bottom Depth (m):				2.10	0.80	2.20	0.60	2.20	0.70	1.80	0.90
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Tetrachloroethene	M	2760	µg/kg	1.0			< 1.0					
1,3-Dichloropropane	U	2760	µg/kg	2.0			< 2.0					
Dibromochloromethane	U	2760	µg/kg	10			< 10					
1,2-Dibromoethane	M	2760	µg/kg	5.0			< 5.0					
Chlorobenzene	M	2760	µg/kg	1.0			< 1.0					
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0			< 2.0					
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0			< 1.0					
Tribromomethane	U	2760	µg/kg	1.0			< 1.0					
Isopropylbenzene	M	2760	µg/kg	1.0			< 1.0					
Bromobenzene	M	2760	µg/kg	1.0			< 1.0					
1,2,3-Trichloropropane	N	2760	µg/kg	50			< 50					
N-Propylbenzene	U	2760	µg/kg	1.0			< 1.0					
2-Chlorotoluene	M	2760	µg/kg	1.0			< 1.0					
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0			< 1.0					
4-Chlorotoluene	U	2760	µg/kg	1.0			< 1.0					
Tert-Butylbenzene	U	2760	µg/kg	1.0			< 1.0					
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0			< 1.0					
Sec-Butylbenzene	U	2760	µg/kg	1.0			< 1.0					
1,3-Dichlorobenzene	M	2760	µg/kg	1.0			< 1.0					
4-Isopropyltoluene	U	2760	µg/kg	1.0			< 1.0					
1,4-Dichlorobenzene	M	2760	µg/kg	1.0			< 1.0					
N-Butylbenzene	U	2760	µg/kg	1.0			< 1.0					
1,2-Dichlorobenzene	M	2760	µg/kg	1.0			< 1.0					
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50			< 50					
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0			< 1.0					
Hexachlorobutadiene	U	2760	µg/kg	1.0			< 1.0					
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0			< 2.0					
Carbon Disulphide	N	2760	µg/kg	50			< 50					
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50			< 0.50					
Phenol	M	2790	mg/kg	0.50			< 0.50					
2-Chlorophenol	M	2790	mg/kg	0.50			< 0.50					
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50			< 0.50					
1,3-Dichlorobenzene	M	2790	mg/kg	0.50			< 0.50					
1,4-Dichlorobenzene	N	2790	mg/kg	0.50			< 0.50					

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Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810037	810038	810039	810040	810041	810042	810043	810044	
	Client Sample ID.:				TP105	TP106	TP106	TP107	TP107	TP108	TP108	TP109	
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):				0.50	0.00	0.80	0.00	0.60	0.00	0.70	0.00	
	Bottom Depth (m):				2.10	0.80	2.20	0.60	2.20	0.70	1.80	0.90	
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	
Determinand	Accred.	SOP	Units	LOD									
1,2-Dichlorobenzene	M	2790	mg/kg	0.50			< 0.50						
2-Methylphenol	M	2790	mg/kg	0.50			< 0.50						
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50			< 0.50						
Hexachloroethane	N	2790	mg/kg	0.50			< 0.50						
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50			< 0.50						
4-Methylphenol	M	2790	mg/kg	0.50			< 0.50						
Nitrobenzene	M	2790	mg/kg	0.50			< 0.50						
Isophorone	M	2790	mg/kg	0.50			< 0.50						
2-Nitrophenol	N	2790	mg/kg	0.50			< 0.50						
2,4-Dimethylphenol	N	2790	mg/kg	0.50			< 0.50						
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50			< 0.50						
2,4-Dichlorophenol	M	2790	mg/kg	0.50			< 0.50						
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50			< 0.50						
Naphthalene	M	2790	mg/kg	0.50			< 0.50						
4-Chloroaniline	N	2790	mg/kg	0.50			< 0.50						
Hexachlorobutadiene	M	2790	mg/kg	0.50			< 0.50						
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50			< 0.50						
2-Methylnaphthalene	M	2790	mg/kg	0.50			< 0.50						
4-Nitrophenol	N	2790	mg/kg	0.50			< 0.50						
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50			< 0.50						
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50			< 0.50						
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50			< 0.50						
2-Chloronaphthalene	M	2790	mg/kg	0.50			< 0.50						
2-Nitroaniline	M	2790	mg/kg	0.50			< 0.50						
Acenaphthylene	M	2790	mg/kg	0.50			< 0.50						
Dimethylphthalate	M	2790	mg/kg	0.50			< 0.50						
2,6-Dinitrotoluene	M	2790	mg/kg	0.50			< 0.50						
Acenaphthene	M	2790	mg/kg	0.50			< 0.50						
3-Nitroaniline	N	2790	mg/kg	0.50			< 0.50						
Dibenzofuran	M	2790	mg/kg	0.50			< 0.50						
4-Chlorophenylphenylether	M	2790	mg/kg	0.50			< 0.50						
2,4-Dinitrotoluene	M	2790	mg/kg	0.50			< 0.50						
Fluorene	M	2790	mg/kg	0.50			< 0.50						
Diethyl Phthalate	M	2790	mg/kg	0.50			< 0.50						
4-Nitroaniline	M	2790	mg/kg	0.50			< 0.50						
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50			< 0.50						
Azobenzene	M	2790	mg/kg	0.50			< 0.50						
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50			< 0.50						

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810037	810038	810039	810040	810041	810042	810043	810044
	Client Sample ID.:				TP105	TP106	TP106	TP107	TP107	TP108	TP108	TP109
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.50	0.00	0.80	0.00	0.60	0.00	0.70	0.00
	Bottom Depth (m):				2.10	0.80	2.20	0.60	2.20	0.70	1.80	0.90
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Hexachlorobenzene	M	2790	mg/kg	0.50			< 0.50					
Pentachlorophenol	N	2790	mg/kg	0.50			< 0.50					
Phenanthrene	M	2790	mg/kg	0.50			< 0.50					
Anthracene	M	2790	mg/kg	0.50			< 0.50					
Carbazole	M	2790	mg/kg	0.50			< 0.50					
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50			< 0.50					
Fluoranthene	M	2790	mg/kg	0.50			0.75					
Pyrene	M	2790	mg/kg	0.50			0.77					
Butylbenzyl Phthalate	M	2790	mg/kg	0.50			< 0.50					
Benzo[a]anthracene	M	2790	mg/kg	0.50			< 0.50					
Chrysene	M	2790	mg/kg	0.50			< 0.50					
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50			< 0.50					
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50			< 0.50					
Benzo[b]fluoranthene	M	2790	mg/kg	0.50			< 0.50					
Benzo[k]fluoranthene	M	2790	mg/kg	0.50			< 0.50					
Benzo[a]pyrene	M	2790	mg/kg	0.50			< 0.50					
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50			< 0.50					
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50			< 0.50					
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50			< 0.50					
Naphthalene	M	2800	mg/kg	0.10	0.38	0.79		0.38	< 0.10	1.1	< 0.10	0.65
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	0.11		0.12	< 0.10	0.25	< 0.10	0.11
Acenaphthene	M	2800	mg/kg	0.10	0.35	0.81		1.6	< 0.10	1.7	< 0.10	1.1
Fluorene	M	2800	mg/kg	0.10	0.29	0.49		1.1	< 0.10	1.3	< 0.10	0.76
Phenanthrene	M	2800	mg/kg	0.10	2.4	5.5		9.4	< 0.10	14	< 0.10	5.7
Anthracene	M	2800	mg/kg	0.10	0.71	1.3		2.8	< 0.10	3.6	< 0.10	2.0
Fluoranthene	M	2800	mg/kg	0.10	4.0	7.5		11	< 0.10	20	< 0.10	11
Pyrene	M	2800	mg/kg	0.10	4.0	7.1		10	< 0.10	18	< 0.10	10
Benzo[a]anthracene	M	2800	mg/kg	0.10	1.7	2.6		3.5	< 0.10	8.6	< 0.10	4.8
Chrysene	M	2800	mg/kg	0.10	2.1	3.3		4.2	< 0.10	9.5	< 0.10	5.6
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	2.9	3.6		4.1	< 0.10	11	< 0.10	7.4
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	0.99	1.5		1.7	< 0.10	4.7	< 0.10	3.3
Benzo[a]pyrene	M	2800	mg/kg	0.10	2.3	2.9		3.2	< 0.10	8.9	< 0.10	6.1
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	2.1	2.4		2.1	< 0.10	6.8	< 0.10	5.0
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	0.34	0.32		0.31	< 0.10	1.2	< 0.10	0.96
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	1.7	2.0		2.0	< 0.10	5.6	< 0.10	3.8
Total Of 16 PAH's	N	2800	mg/kg	2.0	26	42		58	< 2.0	120	< 2.0	68
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Results - Soil

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810045	810046	810047	810048	810049	810050	810051	810052
	Client Sample ID.:				TP109	TP110	TP111	TP112	TP113	TP114	TP115	TP116
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.90	0.00	0.00	0.00	0.00	0.10	0.00	0.00
	Bottom Depth (m):				1.50	2.00	2.00	1.60	2.20	1.70	1.90	2.40
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
ACM Type	U	2192		N/A	-	-	Fibres/Clumps, bitumen	-	-	-	-	Cement, Fibres/Clumps
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected	No Asbestos Detected	Chrysotile	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	Chrysotile
ACM Detection Stage	U	2192		N/A	-	-	Stereo Microscopy	-	-	-	-	Stereo Microscopy
Asbestos by Gravimetry	U	2192	%	0.001			0.022					0.024
Total Asbestos	N	2192	%	0.001			0.022					0.024
Moisture	N	2030	%	0.020	15	16	15	18	19	18	19	20
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture	N	2040		N/A	Sand	Sand	Sand	Sand	Clay	Clay	Clay	Sand
Chromatogram (TPH)	N			N/A		See Attached	See Attached		See Attached	See Attached	See Attached	See Attached
pH	M	2010		N/A	7.7	8.2	8.8	8.3	8.1	8.2	8.2	8.2
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	< 0.40	2.1	1.4	3.0	2.0	1.2	1.4	2.5
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.072	1.6	1.4	1.6	1.5	1.2	1.4	1.6
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	0.70	0.60	< 0.50	< 0.50	0.50	< 0.50
Arsenic	M	2450	mg/kg	1.0	25	21	15	18	19	19	30	21
Cadmium	M	2450	mg/kg	0.10	0.10	0.60	0.44	0.43	0.48	0.64	0.95	1.0
Chromium	M	2450	mg/kg	1.0	19	30	31	31	23	25	32	29
Copper	M	2450	mg/kg	0.50	19	63	98	69	120	65	1000	81
Mercury	M	2450	mg/kg	0.10	0.12	1.2	8.7	3.0	4.0	11	8.3	0.57
Nickel	M	2450	mg/kg	0.50	20	22	21	26	30	30	38	26
Lead	M	2450	mg/kg	0.50	19	270	230	230	150	200	220	210
Selenium	M	2450	mg/kg	0.20	0.40	0.25	0.29	0.41	0.35	0.34	0.51	0.39
Vanadium	U	2450	mg/kg	5.0	22	28	22	25	34	30	35	27
Zinc	M	2450	mg/kg	0.50	45	230	170	280	170	290	360	260
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	1.1	4.7	4.1	11	9.3	5.7	5.3	4.3
Fuel Type	N	2670		N/A	N/A	PAH	PAH	Kero/PAH/Lube	PAH	PAH	PAH/Lube	N/A
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	130	570	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	85	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	3.8	< 1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	5.3	< 1.0	2.2	< 1.0	< 1.0	3.7	< 1.0

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810045	810046	810047	810048	810049	810050	810051	810052
	Client Sample ID.:				TP109	TP110	TP111	TP112	TP113	TP114	TP115	TP116
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.90	0.00	0.00	0.00	0.00	0.10	0.00	0.00
	Bottom Depth (m):				1.50	2.00	2.00	1.60	2.20	1.70	1.90	2.40
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	120	60	200	42	49	84	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	29	< 1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	120	60	450	610	49	88	< 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	8.4	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	3.5	< 1.0	2.4	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 1.0	5.8	2.2	26	2.8	29	4.9	< 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	< 1.0	290	80	310	71	220	150	< 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 5.0	290	82	350	74	250	150	< 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	< 10	420	140	800	690	300	240	< 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0			< 1.0				
Chloromethane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Bromomethane	M	2760	µg/kg	20	< 20			< 20				
Chloroethane	U	2760	µg/kg	2.0	< 2.0			< 2.0				
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0			< 5.0				
Trichloromethane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0			< 1.0				
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0			< 2.0				
Trichloroethene	N	2760	µg/kg	1.0	< 1.0			< 1.0				
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Dibromomethane	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0			< 5.0				
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10			< 10				
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	4.5	3.2	1.6	< 1.0	< 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10			< 10				
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10			< 10				

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:					19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:					810045	810046	810047	810048	810049	810050	810052
	Client Sample ID.:					TP109	TP110	TP111	TP112	TP113	TP114	TP116
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					0.90	0.00	0.00	0.00	0.00	0.10	0.00
	Bottom Depth (m):					1.50	2.00	2.00	1.60	2.20	1.70	2.40
	Date Sampled:					09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:					COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0				< 1.0			
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0				< 2.0			
Dibromochloromethane	U	2760	µg/kg	10	< 10				< 10			
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0				< 5.0			
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0				< 1.0			
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0				< 2.0			
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	18	3.0	1.3	< 1.0	< 1.0
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	68	6.4	3.4	< 1.0	< 1.0
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	84	5.5	2.2	< 1.0	< 1.0
Styrene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Tribromomethane	U	2760	µg/kg	1.0	< 1.0			< 1.0				
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0			2.8				
Bromobenzene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50			< 50				
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0			5.2				
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0			39				
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0			< 1.0				
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0			< 1.0				
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0			3.6				
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0			3.8				
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0			< 1.0				
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0			< 1.0				
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50			< 50				
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0			< 1.0				
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0			< 1.0				
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0			< 2.0				
Carbon Disulphide	N	2760	µg/kg	50	67			< 50				
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Phenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2-Chlorophenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50	< 0.50			< 0.50				
1,3-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
1,4-Dichlorobenzene	N	2790	mg/kg	0.50	< 0.50			< 0.50				

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810045	810046	810047	810048	810049	810050	810051	810052
	Client Sample ID.:				TP109	TP110	TP111	TP112	TP113	TP114	TP115	TP116
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.90	0.00	0.00	0.00	0.00	0.10	0.00	0.00
	Bottom Depth (m):				1.50	2.00	2.00	1.60	2.20	1.70	1.90	2.40
	Date Sampled:				09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
1,2-Dichlorobenzene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2-Methylphenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Hexachloroethane	N	2790	mg/kg	0.50	< 0.50			< 0.50				
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50	< 0.50			< 0.50				
4-Methylphenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Nitrobenzene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Isophorone	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2-Nitrophenol	N	2790	mg/kg	0.50	< 0.50			< 0.50				
2,4-Dimethylphenol	N	2790	mg/kg	0.50	< 0.50			< 0.50				
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2,4-Dichlorophenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Naphthalene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
4-Chloroaniline	N	2790	mg/kg	0.50	< 0.50			< 0.50				
Hexachlorobutadiene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2-Methylnaphthalene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
4-Nitrophenol	N	2790	mg/kg	0.50	< 0.50			1.1				
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50	< 0.50			< 0.50				
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2-Chloronaphthalene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2-Nitroaniline	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Acenaphthylene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Dimethylphthalate	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2,6-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Acenaphthene	M	2790	mg/kg	0.50	< 0.50			0.68				
3-Nitroaniline	N	2790	mg/kg	0.50	< 0.50			< 0.50				
Dibenzofuran	M	2790	mg/kg	0.50	< 0.50			< 0.50				
4-Chlorophenylphenylether	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2,4-Dinitrotoluene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Fluorene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
Diethyl Phthalate	M	2790	mg/kg	0.50	< 0.50			< 0.50				
4-Nitroaniline	M	2790	mg/kg	0.50	< 0.50			< 0.50				
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50	< 0.50			< 0.50				
Azobenzene	M	2790	mg/kg	0.50	< 0.50			< 0.50				
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50	< 0.50			< 0.50				

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:					19-12681	19-12681	19-12681	19-12681	19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:					810045	810046	810047	810048	810049	810050	810052
	Client Sample ID.:					TP109	TP110	TP111	TP112	TP113	TP114	TP115
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					0.90	0.00	0.00	0.00	0.00	0.10	0.00
	Bottom Depth (m):					1.50	2.00	2.00	1.60	2.20	1.70	2.40
	Date Sampled:					09-Apr-2019	09-Apr-2019	09-Apr-2019	09-Apr-2019	10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:					COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Hexachlorobenzene	M	2790	mg/kg	0.50	< 0.50				< 0.50			
Pentachlorophenol	N	2790	mg/kg	0.50	< 0.50				< 0.50			
Phenanthrene	M	2790	mg/kg	0.50	< 0.50				3.3			
Anthracene	M	2790	mg/kg	0.50	< 0.50				0.91			
Carbazole	M	2790	mg/kg	0.50	< 0.50				< 0.50			
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50	< 0.50				0.62			
Fluoranthene	M	2790	mg/kg	0.50	< 0.50				4.9			
Pyrene	M	2790	mg/kg	0.50	< 0.50				4.3			
Butylbenzyl Phthalate	M	2790	mg/kg	0.50	< 0.50				< 0.50			
Benzo[a]anthracene	M	2790	mg/kg	0.50	< 0.50				2.1			
Chrysene	M	2790	mg/kg	0.50	< 0.50				2.3			
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50	< 0.50				1.1			
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50	< 0.50				< 0.50			
Benzo[b]fluoranthene	M	2790	mg/kg	0.50	< 0.50				2.9			
Benzo[k]fluoranthene	M	2790	mg/kg	0.50	< 0.50				0.86			
Benzo[a]pyrene	M	2790	mg/kg	0.50	< 0.50				1.9			
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50	< 0.50				1.1			
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50	< 0.50				< 0.50			
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50	< 0.50				1.5			
Naphthalene	M	2800	mg/kg	0.10			4.8	0.53		1.4	1.3	2.6
Acenaphthylene	N	2800	mg/kg	0.10			1.1	0.21		0.92	0.29	0.27
Acenaphthene	M	2800	mg/kg	0.10			0.83	0.81		4.1	1.6	2.7
Fluorene	M	2800	mg/kg	0.10			1.3	0.70		3.4	1.4	1.7
Phenanthrene	M	2800	mg/kg	0.10			11	5.4		17	11	14
Anthracene	M	2800	mg/kg	0.10			3.2	1.6		6.3	3.1	3.9
Fluoranthene	M	2800	mg/kg	0.10			14	9.5		21	17	19
Pyrene	M	2800	mg/kg	0.10			13	9.2		19	15	17
Benzo[a]anthracene	M	2800	mg/kg	0.10			5.7	4.1		6.5	6.7	7.5
Chrysene	M	2800	mg/kg	0.10			5.7	5.1		6.7	7.6	8.2
Benzo[b]fluoranthene	M	2800	mg/kg	0.10			7.2	5.2		5.5	8.2	9.0
Benzo[k]fluoranthene	M	2800	mg/kg	0.10			2.8	2.2		2.4	3.4	4.0
Benzo[a]pyrene	M	2800	mg/kg	0.10			5.1	4.6		4.7	6.9	7.2
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10			4.3	3.4		3.1	5.3	5.9
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10			0.86	0.64		0.60	1.2	1.1
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10			3.8	2.7		2.6	4.1	4.7
Total Of 16 PAH's	N	2800	mg/kg	2.0			85	56		110	94	110
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810053	810054	810055
	Client Sample ID.:				TP117	TP118	TP119
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.20	0.10	0.00
	Bottom Depth (m):				2.40	1.80	2.30
	Date Sampled:				10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
ACM Type	U	2192		N/A	Cement, Fibres/Clumps	Cement	-
Asbestos Identification	U	2192	%	0.001	Chrysotile	Chrysotile	No Asbestos Detected
ACM Detection Stage	U	2192		N/A	Screen Visible by Eye	Screen Visible by Eye	-
Asbestos by Gravimetry	U	2192	%	0.001	0.67	5.7	
Total Asbestos	N	2192	%	0.001	0.67	5.7	
Moisture	N	2030	%	0.020	17	12	18
Soil Colour	N	2040		N/A	Brown	Brown	Brown
Other Material	N	2040		N/A	Stones	Stones	Stones
Soil Texture	N	2040		N/A	Sand	Sand	Clay
Chromatogram (TPH)	N			N/A	See Attached		See Attached
pH	M	2010		N/A	8.1	9.3	9.4
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	2.5	1.2	1.3
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	1.6	1.4	1.6
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	0.70
Arsenic	M	2450	mg/kg	1.0	21	22	20
Cadmium	M	2450	mg/kg	0.10	0.56	0.77	0.49
Chromium	M	2450	mg/kg	1.0	27	23	20
Copper	M	2450	mg/kg	0.50	95	75	66
Mercury	M	2450	mg/kg	0.10	0.42	4.5	8.3
Nickel	M	2450	mg/kg	0.50	28	27	22
Lead	M	2450	mg/kg	0.50	500	240	140
Selenium	M	2450	mg/kg	0.20	0.52	< 0.20	0.30
Vanadium	U	2450	mg/kg	5.0	28	27	23
Zinc	M	2450	mg/kg	0.50	260	240	140
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	5.2	5.5	7.1
Fuel Type	N	2670		N/A	PAH	PAH/Lube	N/A
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	10	< 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	12	< 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	27	< 1.0

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810053	810054	810055
	Client Sample ID.:				TP117	TP118	TP119
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.20	0.10	0.00
	Bottom Depth (m):				2.40	1.80	2.30
	Date Sampled:				10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	27	130	< 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	27	170	< 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	9.1	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	1.7	55	< 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	67	1700	< 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	180	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	68	2000	< 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	95	2200	< 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0		< 1.0	
Chloromethane	M	2760	µg/kg	1.0		< 1.0	
Vinyl Chloride	M	2760	µg/kg	1.0		< 1.0	
Bromomethane	M	2760	µg/kg	20		< 20	
Chloroethane	U	2760	µg/kg	2.0		< 2.0	
Trichlorofluoromethane	M	2760	µg/kg	1.0		< 1.0	
1,1-Dichloroethene	M	2760	µg/kg	1.0		< 1.0	
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0		< 1.0	
1,1-Dichloroethane	M	2760	µg/kg	1.0		< 1.0	
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0		< 1.0	
Bromochloromethane	U	2760	µg/kg	5.0		< 5.0	
Trichloromethane	M	2760	µg/kg	1.0		< 1.0	
1,1,1-Trichloroethane	M	2760	µg/kg	1.0		< 1.0	
Tetrachloromethane	M	2760	µg/kg	1.0		< 1.0	
1,1-Dichloropropene	U	2760	µg/kg	1.0		< 1.0	
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0		< 2.0	
Trichloroethene	N	2760	µg/kg	1.0		< 1.0	
1,2-Dichloropropane	M	2760	µg/kg	1.0		< 1.0	
Dibromomethane	M	2760	µg/kg	1.0		< 1.0	
Bromodichloromethane	M	2760	µg/kg	5.0		< 5.0	
cis-1,3-Dichloropropene	N	2760	µg/kg	10		< 10	
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0	23
Trans-1,3-Dichloropropene	N	2760	µg/kg	10		< 10	
1,1,2-Trichloroethane	M	2760	µg/kg	10		< 10	

Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810053	810054	810055
	Client Sample ID.:				TP117	TP118	TP119
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.20	0.10	0.00
	Bottom Depth (m):				2.40	1.80	2.30
	Date Sampled:				10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
Tetrachloroethene	M	2760	µg/kg	1.0		< 1.0	
1,3-Dichloropropane	U	2760	µg/kg	2.0		< 2.0	
Dibromochloromethane	U	2760	µg/kg	10		< 10	
1,2-Dibromoethane	M	2760	µg/kg	5.0		< 5.0	
Chlorobenzene	M	2760	µg/kg	1.0		< 1.0	
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0		< 2.0	
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	21
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	24
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0	51
Styrene	M	2760	µg/kg	1.0		< 1.0	
Tribromomethane	U	2760	µg/kg	1.0		< 1.0	
Isopropylbenzene	M	2760	µg/kg	1.0		< 1.0	
Bromobenzene	M	2760	µg/kg	1.0		< 1.0	
1,2,3-Trichloropropane	N	2760	µg/kg	50		< 50	
N-Propylbenzene	U	2760	µg/kg	1.0		< 1.0	
2-Chlorotoluene	M	2760	µg/kg	1.0		< 1.0	
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0		< 1.0	
4-Chlorotoluene	U	2760	µg/kg	1.0		< 1.0	
Tert-Butylbenzene	U	2760	µg/kg	1.0		< 1.0	
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0		< 1.0	
Sec-Butylbenzene	U	2760	µg/kg	1.0		< 1.0	
1,3-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0	
4-Isopropyltoluene	U	2760	µg/kg	1.0		< 1.0	
1,4-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0	
N-Butylbenzene	U	2760	µg/kg	1.0		< 1.0	
1,2-Dichlorobenzene	M	2760	µg/kg	1.0		< 1.0	
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50		< 50	
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0		< 1.0	
Hexachlorobutadiene	U	2760	µg/kg	1.0		< 1.0	
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0		< 2.0	
Carbon Disulphide	N	2760	µg/kg	50		< 50	
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0
N-Nitrosodimethylamine	M	2790	mg/kg	0.50		< 0.50	
Phenol	M	2790	mg/kg	0.50		< 0.50	
2-Chlorophenol	M	2790	mg/kg	0.50		< 0.50	
Bis-(2-Chloroethyl)Ether	M	2790	mg/kg	0.50		< 0.50	
1,3-Dichlorobenzene	M	2790	mg/kg	0.50		< 0.50	
1,4-Dichlorobenzene	N	2790	mg/kg	0.50		< 0.50	

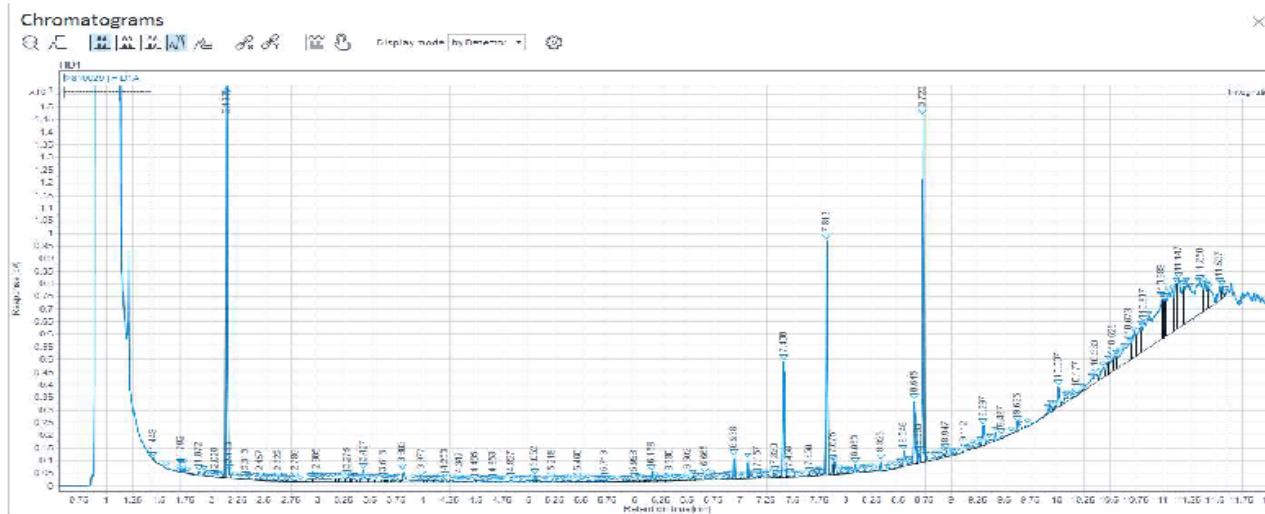
Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810053	810054	810055
	Client Sample ID.:				TP117	TP118	TP119
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.20	0.10	0.00
	Bottom Depth (m):				2.40	1.80	2.30
	Date Sampled:				10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
1,2-Dichlorobenzene	M	2790	mg/kg	0.50		< 0.50	
2-Methylphenol	M	2790	mg/kg	0.50		< 0.50	
Bis(2-Chloroisopropyl)Ether	M	2790	mg/kg	0.50		< 0.50	
Hexachloroethane	N	2790	mg/kg	0.50		< 0.50	
N-Nitrosodi-n-propylamine	M	2790	mg/kg	0.50		< 0.50	
4-Methylphenol	M	2790	mg/kg	0.50		< 0.50	
Nitrobenzene	M	2790	mg/kg	0.50		< 0.50	
Isophorone	M	2790	mg/kg	0.50		< 0.50	
2-Nitrophenol	N	2790	mg/kg	0.50		< 0.50	
2,4-Dimethylphenol	N	2790	mg/kg	0.50		< 0.50	
Bis(2-Chloroethoxy)Methane	M	2790	mg/kg	0.50		< 0.50	
2,4-Dichlorophenol	M	2790	mg/kg	0.50		< 0.50	
1,2,4-Trichlorobenzene	M	2790	mg/kg	0.50		< 0.50	
Naphthalene	M	2790	mg/kg	0.50		26	
4-Chloroaniline	N	2790	mg/kg	0.50		< 0.50	
Hexachlorobutadiene	M	2790	mg/kg	0.50		< 0.50	
4-Chloro-3-Methylphenol	M	2790	mg/kg	0.50		< 0.50	
2-Methylnaphthalene	M	2790	mg/kg	0.50		22	
4-Nitrophenol	N	2790	mg/kg	0.50		3.8	
Hexachlorocyclopentadiene	N	2790	mg/kg	0.50		< 0.50	
2,4,6-Trichlorophenol	M	2790	mg/kg	0.50		< 0.50	
2,4,5-Trichlorophenol	M	2790	mg/kg	0.50		< 0.50	
2-Chloronaphthalene	M	2790	mg/kg	0.50		< 0.50	
2-Nitroaniline	M	2790	mg/kg	0.50		< 0.50	
Acenaphthylene	M	2790	mg/kg	0.50		< 0.50	
Dimethylphthalate	M	2790	mg/kg	0.50		< 0.50	
2,6-Dinitrotoluene	M	2790	mg/kg	0.50		< 0.50	
Acenaphthene	M	2790	mg/kg	0.50		1.7	
3-Nitroaniline	N	2790	mg/kg	0.50		< 0.50	
Dibenzofuran	M	2790	mg/kg	0.50		0.79	
4-Chlorophenylphenylether	M	2790	mg/kg	0.50		< 0.50	
2,4-Dinitrotoluene	M	2790	mg/kg	0.50		< 0.50	
Fluorene	M	2790	mg/kg	0.50		1.3	
Diethyl Phthalate	M	2790	mg/kg	0.50		< 0.50	
4-Nitroaniline	M	2790	mg/kg	0.50		< 0.50	
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.50		< 0.50	
Azobenzene	M	2790	mg/kg	0.50		< 0.50	
4-Bromophenylphenyl Ether	M	2790	mg/kg	0.50		< 0.50	

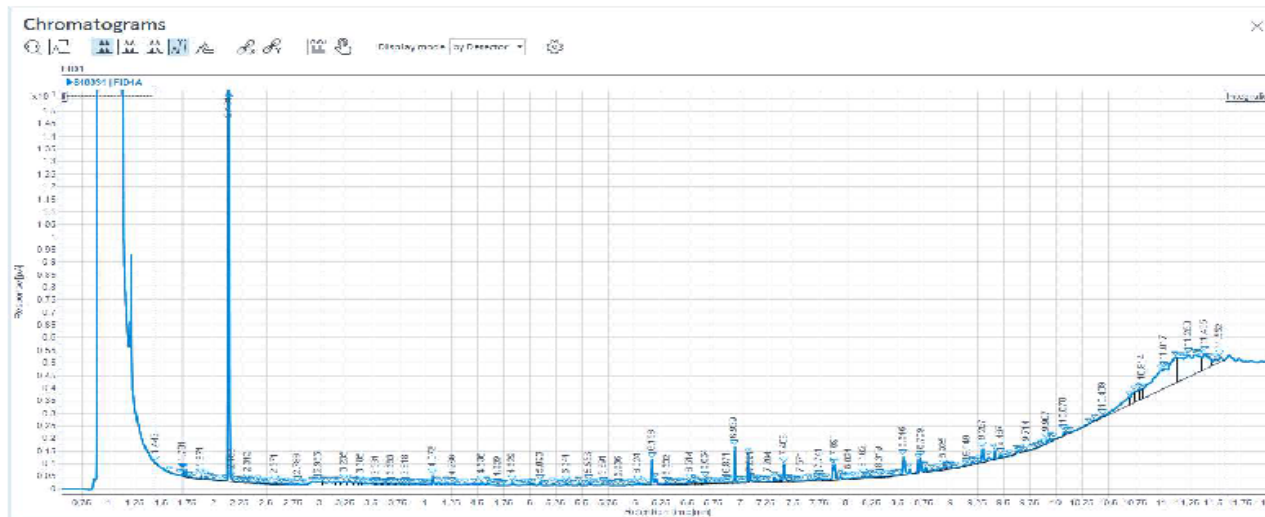
Project: LKC 19 1139 Blackley Mere 2

Client: LK Consult	Chemtest Job No.:				19-12681	19-12681	19-12681
Quotation No.:	Chemtest Sample ID.:				810053	810054	810055
	Client Sample ID.:				TP117	TP118	TP119
	Sample Type:				SOIL	SOIL	SOIL
	Top Depth (m):				0.20	0.10	0.00
	Bottom Depth (m):				2.40	1.80	2.30
	Date Sampled:				10-Apr-2019	10-Apr-2019	10-Apr-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD			
Hexachlorobenzene	M	2790	mg/kg	0.50		< 0.50	
Pentachlorophenol	N	2790	mg/kg	0.50		< 0.50	
Phenanthrene	M	2790	mg/kg	0.50		9.7	
Anthracene	M	2790	mg/kg	0.50		3.0	
Carbazole	M	2790	mg/kg	0.50		0.97	
Di-N-Butyl Phthalate	M	2790	mg/kg	0.50		4.6	
Fluoranthene	M	2790	mg/kg	0.50		11	
Pyrene	M	2790	mg/kg	0.50		8.8	
Butylbenzyl Phthalate	M	2790	mg/kg	0.50		< 0.50	
Benzo[a]anthracene	M	2790	mg/kg	0.50		4.6	
Chrysene	M	2790	mg/kg	0.50		4.2	
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.50		3.8	
Di-N-Octyl Phthalate	M	2790	mg/kg	0.50		< 0.50	
Benzo[b]fluoranthene	M	2790	mg/kg	0.50		4.9	
Benzo[k]fluoranthene	M	2790	mg/kg	0.50		1.8	
Benzo[a]pyrene	M	2790	mg/kg	0.50		3.8	
Indeno(1,2,3-c,d)Pyrene	M	2790	mg/kg	0.50		2.1	
Dibenz(a,h)Anthracene	M	2790	mg/kg	0.50		< 0.50	
Benzo[g,h,i]perylene	M	2790	mg/kg	0.50		2.4	
Naphthalene	M	2800	mg/kg	0.10	0.52		0.93
Acenaphthylene	N	2800	mg/kg	0.10	0.14		0.16
Acenaphthene	M	2800	mg/kg	0.10	0.36		0.98
Fluorene	M	2800	mg/kg	0.10	0.33		0.75
Phenanthrene	M	2800	mg/kg	0.10	3.1		6.5
Anthracene	M	2800	mg/kg	0.10	0.87		2.2
Fluoranthene	M	2800	mg/kg	0.10	5.1		10
Pyrene	M	2800	mg/kg	0.10	5.0		9.1
Benzo[a]anthracene	M	2800	mg/kg	0.10	1.7		4.2
Chrysene	M	2800	mg/kg	0.10	2.2		4.4
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	2.8		4.6
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	0.94		2.2
Benzo[a]pyrene	M	2800	mg/kg	0.10	2.0		4.0
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	1.6		3.3
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	0.18		0.46
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	1.6		2.6
Total Of 16 PAH's	N	2800	mg/kg	2.0	28		56
Total Phenols	M	2920	mg/kg	0.30	< 0.30	0.72	0.66

TPH Chromatogram on Soil Sample: 810029



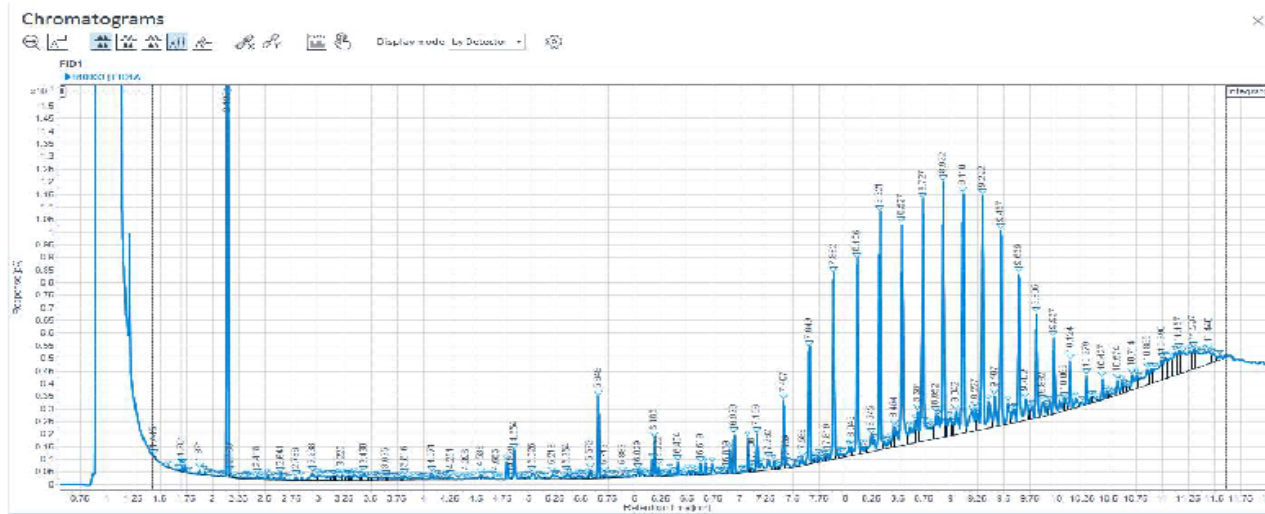
TPH Chromatogram on Soil Sample: 810031



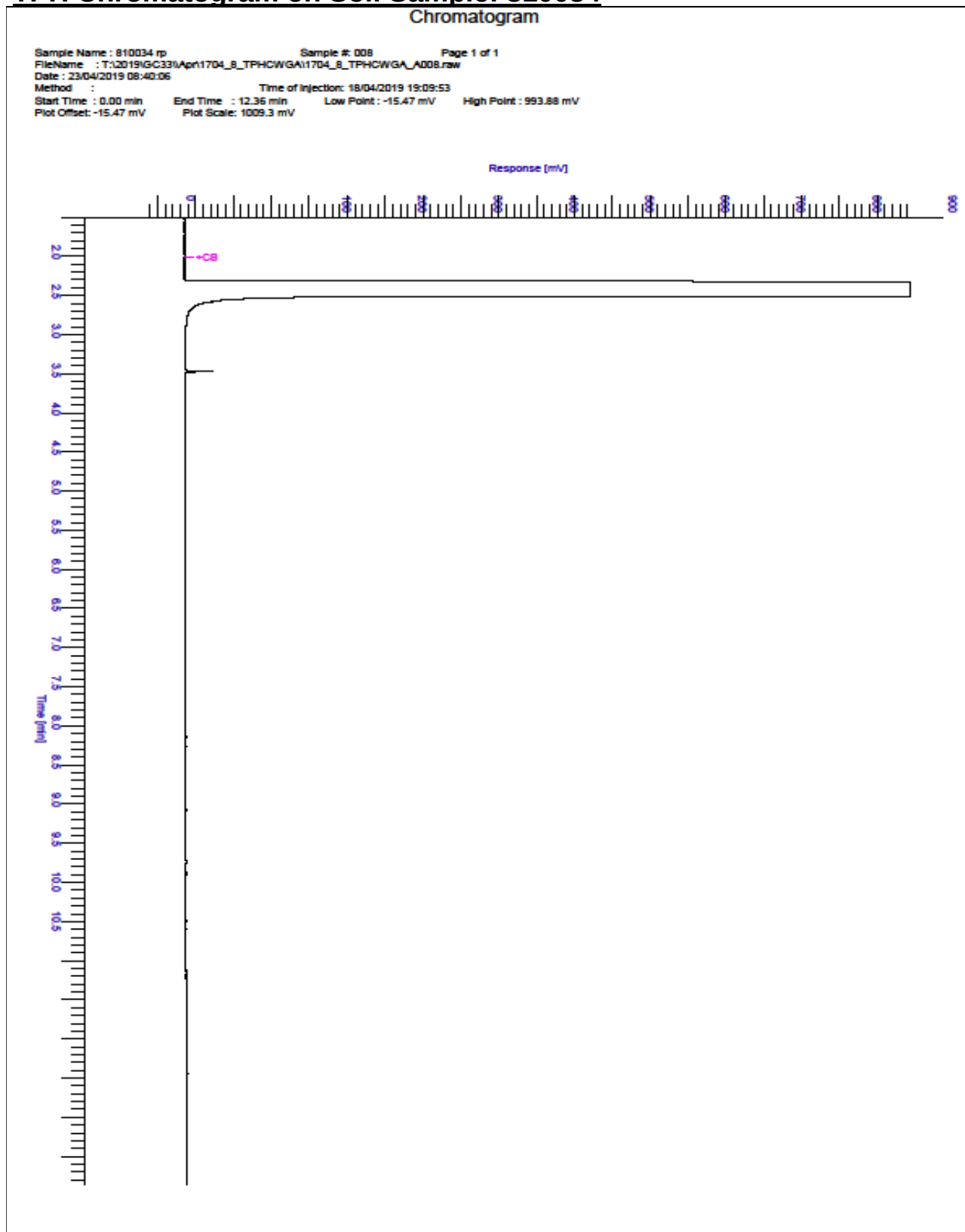
TPH Chromatogram on Soil Sample: 810032



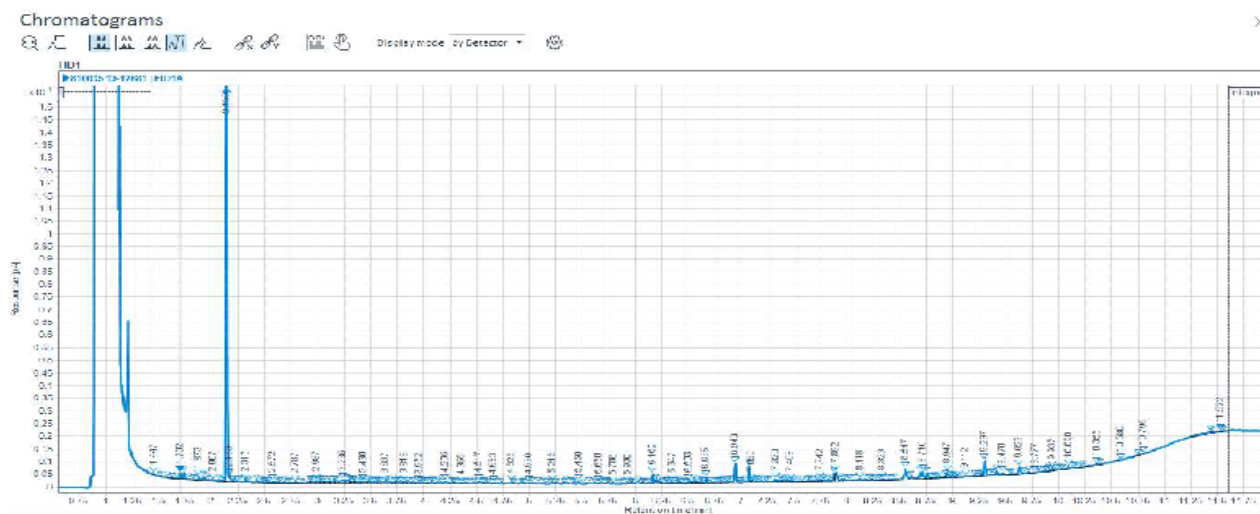
TPH Chromatogram on Soil Sample: 810033



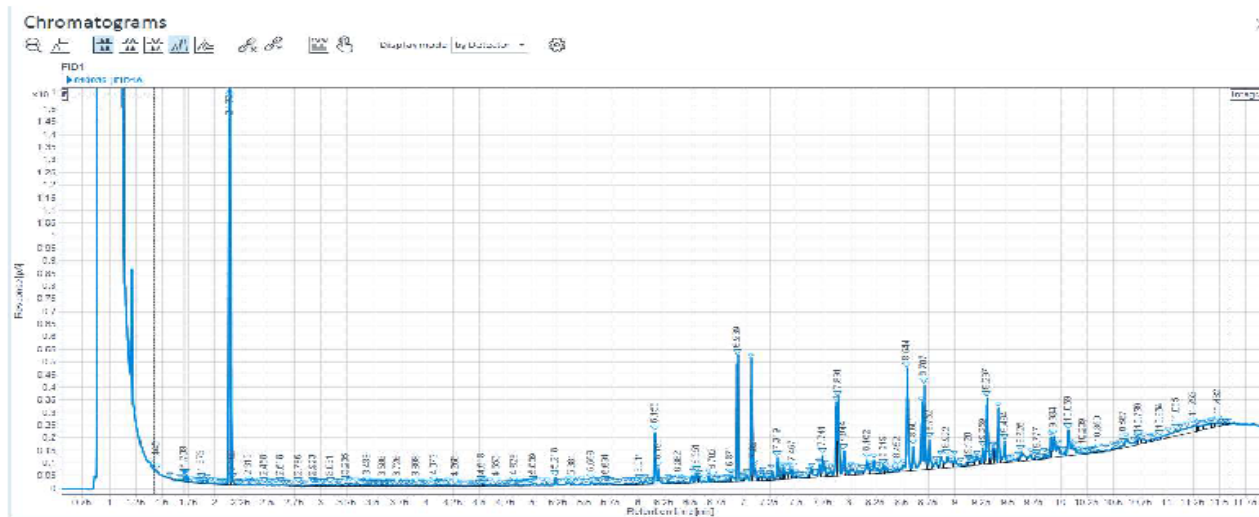
TPH Chromatogram on Soil Sample: 810034



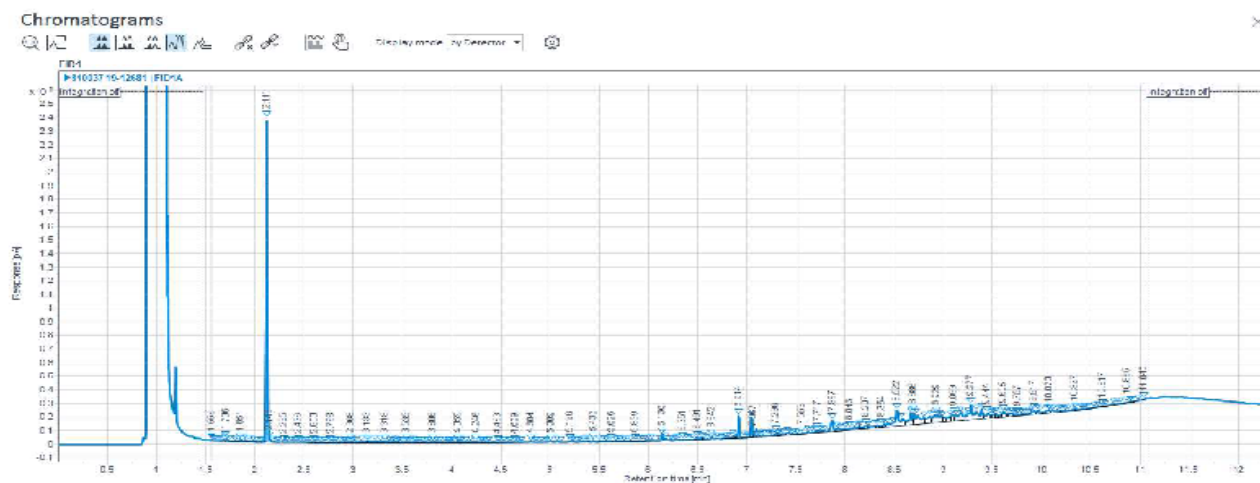
TPH Chromatogram on Soil Sample: 810035



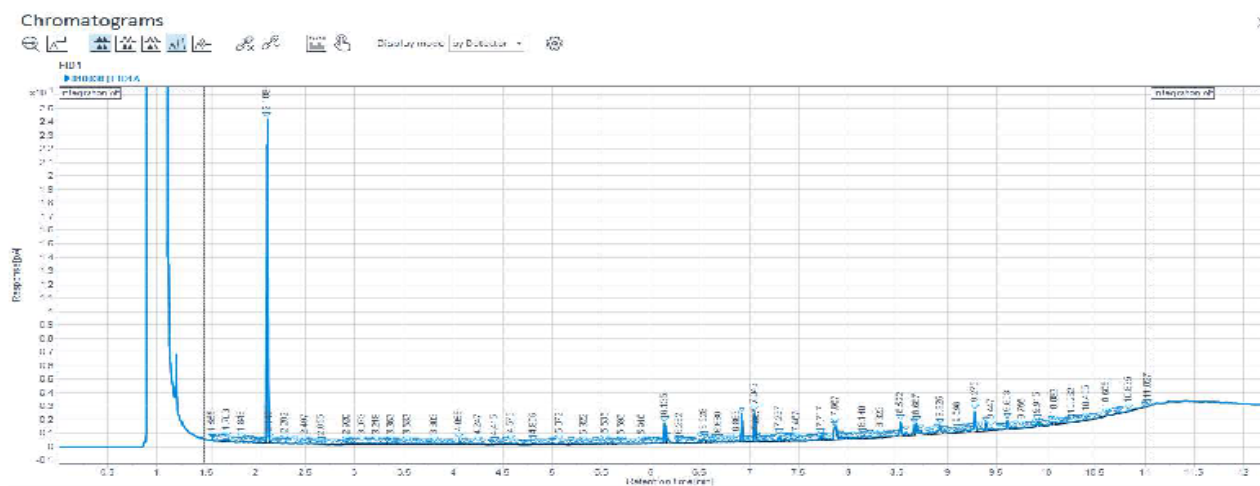
TPH Chromatogram on Soil Sample: 810036



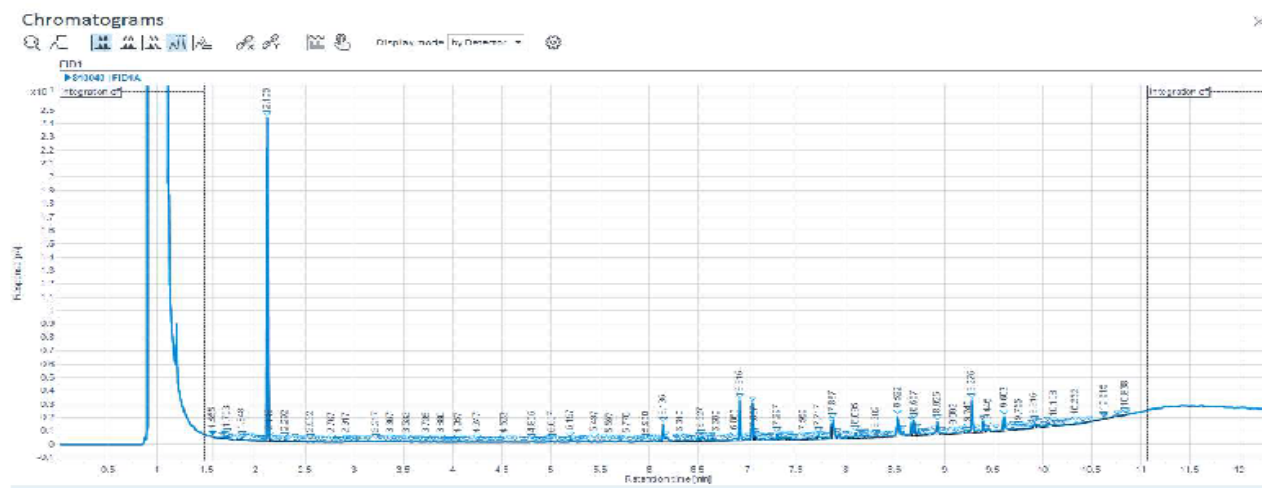
TPH Chromatogram on Soil Sample: 810037



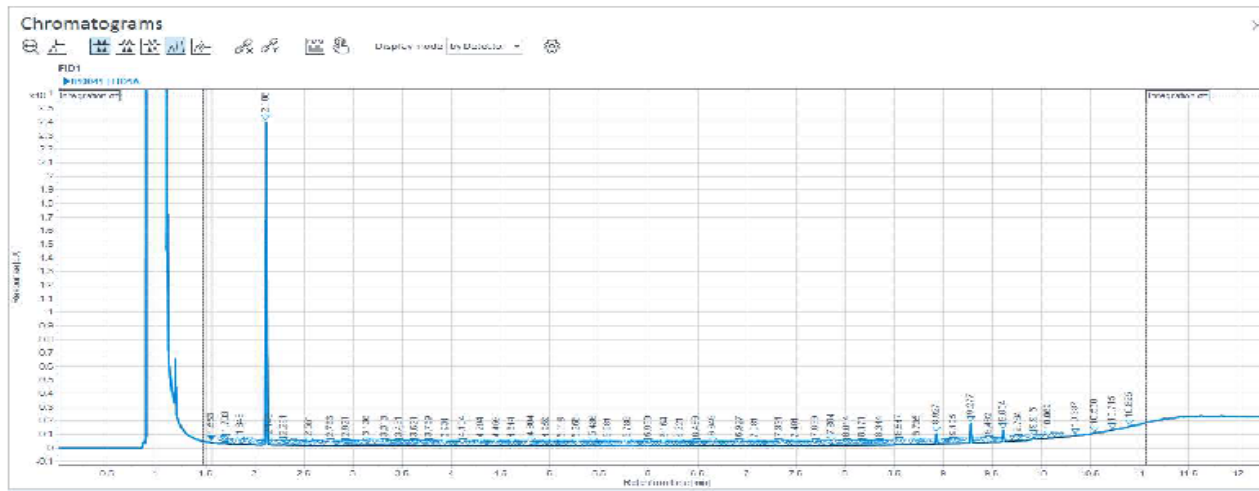
TPH Chromatogram on Soil Sample: 810038



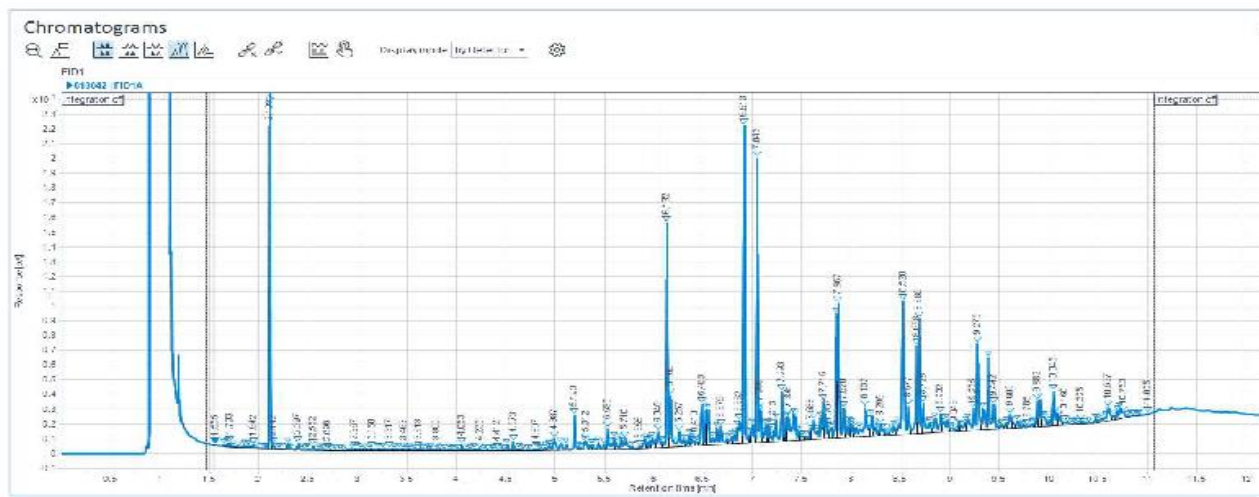
TPH Chromatogram on Soil Sample: 810040



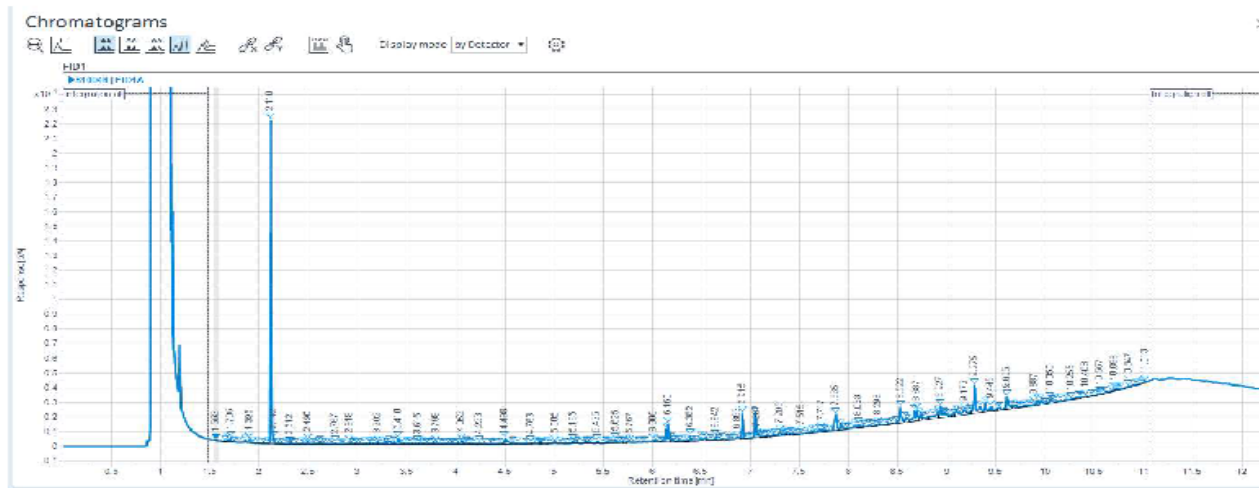
TPH Chromatogram on Soil Sample: 810041



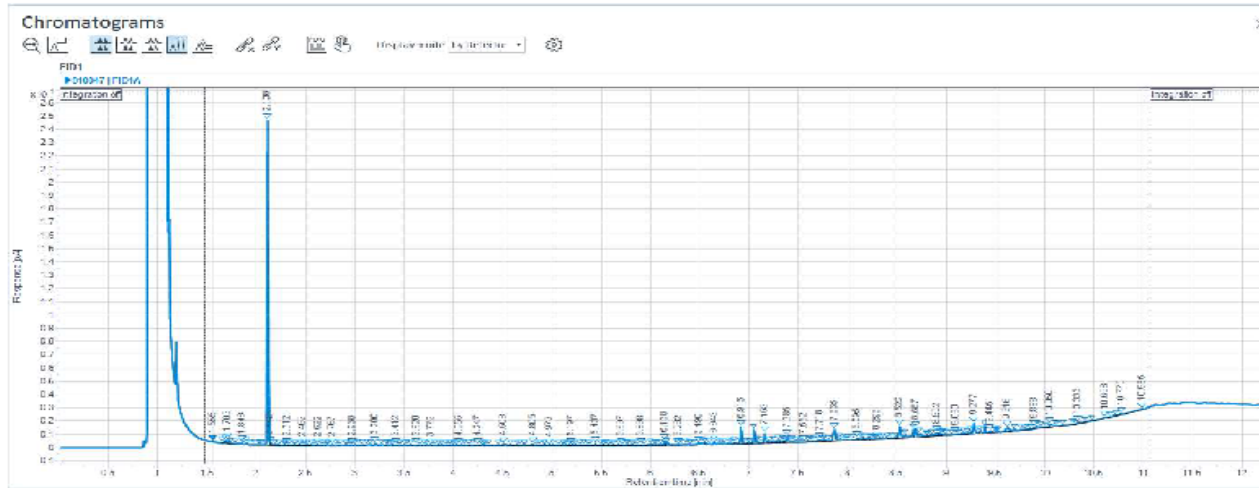
TPH Chromatogram on Soil Sample: 810042



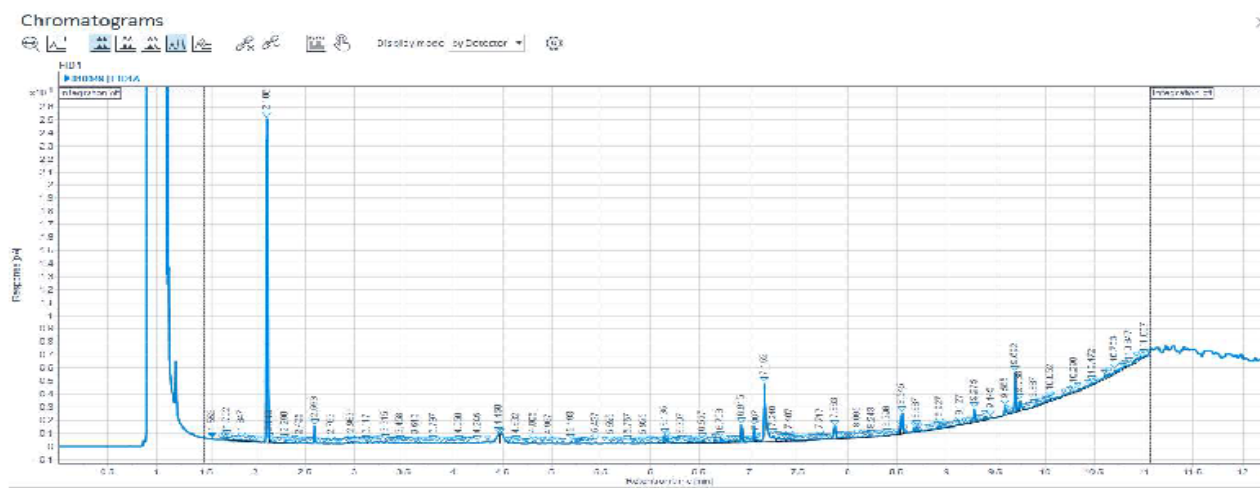
TPH Chromatogram on Soil Sample: 810046



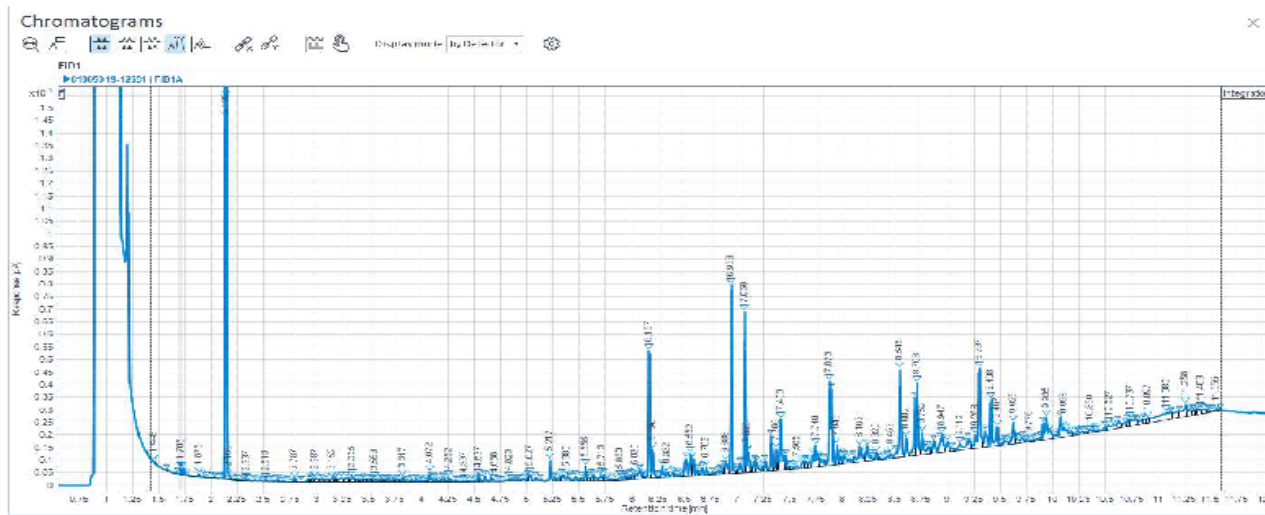
TPH Chromatogram on Soil Sample: 810047



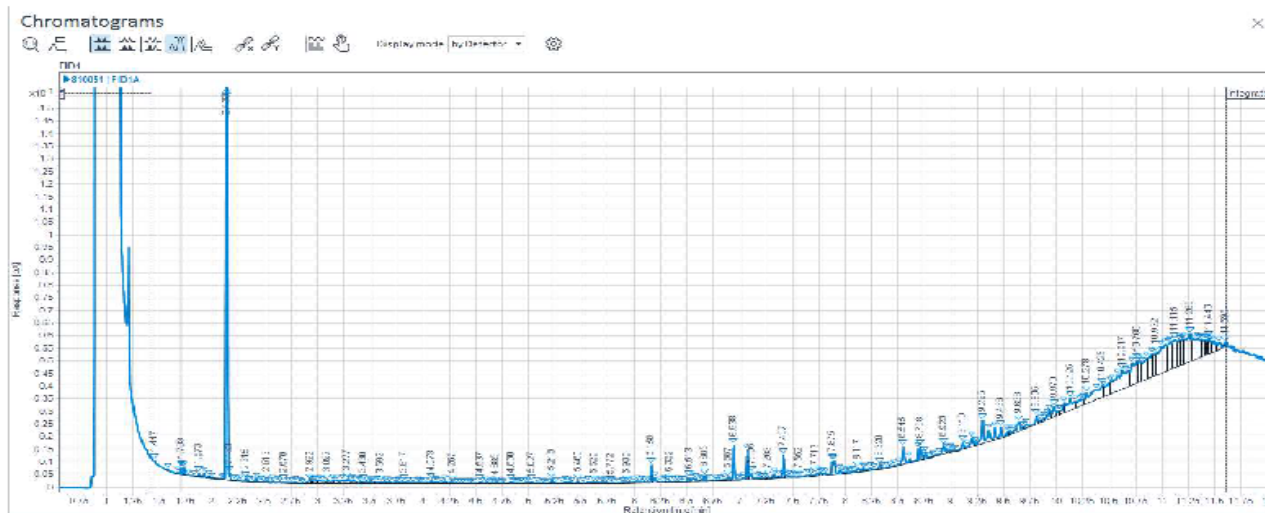
TPH Chromatogram on Soil Sample: 810049



TPH Chromatogram on Soil Sample: 810050

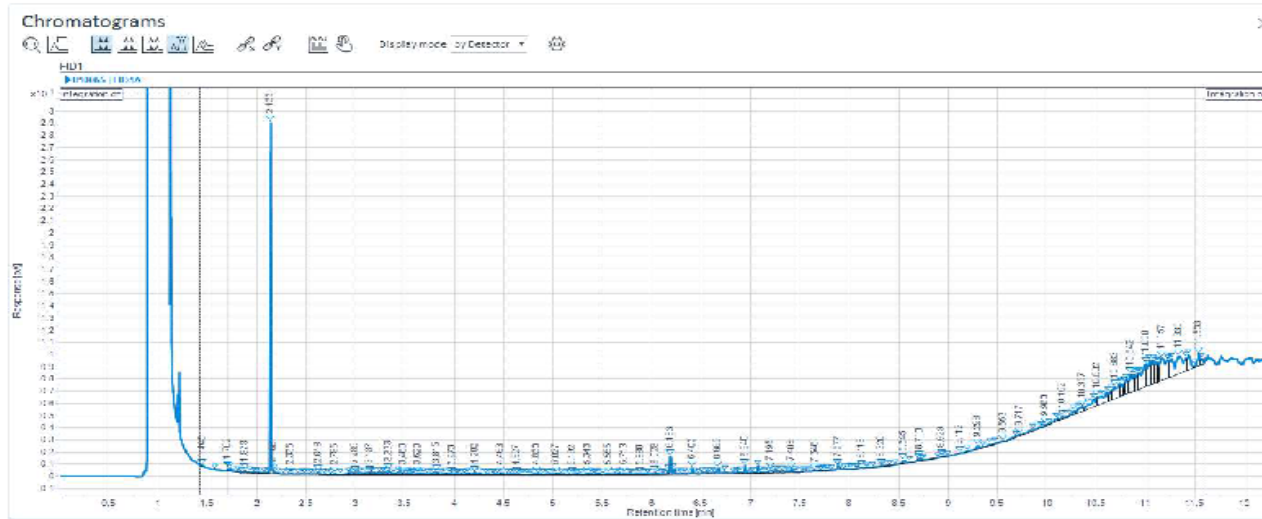


TPH Chromatogram on Soil Sample: 810051



[illegible]

TPH Chromatogram on Soil Sample: 810055



SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.
1415	Cations in Waters by ICP-MS	Sodium; Potassium; Calcium; Magnesium	Direct determination by inductively coupled plasma - mass spectrometry (ICP-MS).
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1460	Mercury low-level in Waters by AFS	Mercury	Atomic Fluorescence Spectrometry, with collimated UV source, wavelength 253.7 nm.
1490	Hexavalent Chromium in Waters	Chromium [VI]	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1670	Total Petroleum Hydrocarbons (TPH) in Waters by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO	Pentane extraction / GC FID detection
1675	TPH Aliphatic/Aromatic split in Waters by GC-FID(cf. Texas Method 1006 / TPH CWG)	Aliphatics: >C5–C6, >C6–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44 Aromatics: >C5–C7, >C7–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44	Pentane extraction / GCxGC FID detection
1760	Volatile Organic Compounds (VOCs) in Waters by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)	Automated headspace gas chromatographic (GC) analysis of water samples with mass spectrometric (MS) detection of volatile organic compounds.
1790	Semi-Volatile Organic Compounds (SVOCs) in Waters by GC-MS	Semi-volatile organic compounds	Solvent extraction / GCMS detection
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.

SOP	Title	Parameters included	Method summary
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44 Aromatics: >C5–C7, >C7–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds(cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenzo[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.
640	Characterisation of Waste (Leaching)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

Report Information

Key

- U UKAS accredited
- M MCERTS and UKAS accredited
- N Unaccredited
- S This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
- SN This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable Sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com

Appendix C

Certificates of Analysis – Geotechnical



2183

Final Report

Report No.: 19-12836-1

Initial Date of Issue: 24-Apr-2019

Client LK Consult

Client Address: Unit 29 Eton Business Park
Eton Hill Road
Radcliffe
Manchester
Lancashire
M26 2ZS

Contact(s): Colin Crompton
Contaminated Land
Kerrell Walley

Project LKC 19 1139 Blackley Mere 2

Quotation No.: **Date Received:** 12-Apr-2019

Order No.: 736876 **Date Instructed:** 12-Apr-2019

No. of Samples: 14

Turnaround (Wkdays): 7 **Results Due:** 24-Apr-2019

Date Approved: 24-Apr-2019

Approved By:



Details: Martin Dyer, Laboratory Manager

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 810658							Limits		
Sample Ref:							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID: TP101									
Sample Location:									
Top Depth(m): 0.00									
Bottom Depth(m): 0.80									
Sampling Date: 09-Apr-2019									
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				2.4		
Loss On Ignition	2610	U	%				7.4		
Total BTEX	2760	U	mg/kg				< 0.010		
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10		
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				110		
Total (Of 17) PAH's	2700	N	mg/kg				52		
pH	2010	U					8.0		
Acid Neutralisation Capacity	2015	N	mol/kg	0.011			To evaluate		
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	0.0060	0.0024	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.061	0.040	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00013	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0054	0.0027	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.027	0.012	0.053	0.14	0.5	10	30
Nickel	1450	U	0.0019	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0037	0.0026	< 0.010	0.027	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.025	0.012	< 0.50	< 0.50	4	50	200
Chloride	1220	U	30	4.9	59	83	800	15000	25000
Fluoride	1220	U	0.65	0.63	1.3	6.3	10	150	500
Sulphate	1220	U	1500	890	3000	9800	1000	20000	50000
Total Dissolved Solids	1020	N	1600	1000	3200	11000	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	27	15	54	170	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	16

Leachate Test Information	
Leachant volume 1st extract/l	0.318
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.241

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836 Chemtest Sample ID: 810659 Sample Ref: Sample ID: TP102 Sample Location: Top Depth(m): 0.00 Bottom Depth(m): 1.00 Sampling Date: 09-Apr-2019							Landfill Waste Acceptance Criteria		
			Inert Waste Landfill				Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				13	3	5
Loss On Ignition	2610	U	%				6.6	--	10
Total BTEX	2760	U	mg/kg				< 0.010	6	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				< 10	500	--
Total (Of 17) PAH's	2700	N	mg/kg				53	100	--
pH	2010	U					8.0	--	>6
Acid Neutralisation Capacity	2015	N	mol/kg				0.014	--	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	0.0042	0.0030	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.043	0.036	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0057	0.0063	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.029	0.016	0.057	0.18	0.5	10	30
Nickel	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0067	0.0049	0.013	0.052	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.035	< 0.0010	< 0.50	< 0.50	4	50	200
Chloride	1220	U	5.3	1.4	11	20	800	15000	25000
Fluoride	1220	U	0.64	0.95	1.3	9.0	10	150	500
Sulphate	1220	U	230	65	460	920	1000	20000	50000
Total Dissolved Solids	1020	N	440	210	880	2500	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	14	9.5	< 50	100	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	13

Leachate Test Information	
Leachant volume 1st extract/l	0.325
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.282

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 810660							Limits			
Sample Ref:							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID: TP104										
Sample Location:										
Top Depth(m): 0.00										
Bottom Depth(m): 2.40										
Sampling Date: 09-Apr-2019										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	U	%				2.3	3	5	6
Loss On Ignition	2610	U	%				6.3	--	--	10
Total BTEX	2760	U	mg/kg				< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				2300	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg				120	100	--	--
pH	2010	U					7.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0090	--	To evaluate	To evaluate			
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1450	U	0.0031	0.0023	< 0.050	< 0.050	0.5	2	25	
Barium	1450	U	0.079	0.047	< 0.50	0.52	20	100	300	
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5	
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70	
Copper	1450	U	0.0034	0.0026	< 0.050	< 0.050	2	50	100	
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2	
Molybdenum	1450	U	0.020	0.0075	< 0.050	0.096	0.5	10	30	
Nickel	1450	U	0.0023	< 0.0010	< 0.050	< 0.050	0.4	10	40	
Lead	1450	U	0.0016	< 0.0010	< 0.010	< 0.010	0.5	10	50	
Antimony	1450	U	0.0068	0.0046	0.013	0.050	0.06	0.7	5	
Selenium	1450	U	0.0016	0.0011	< 0.010	0.012	0.1	0.5	7	
Zinc	1450	U	0.030	0.015	< 0.50	< 0.50	4	50	200	
Chloride	1220	U	41	5.6	81	120	800	15000	25000	
Fluoride	1220	U	0.43	0.48	< 1.0	4.7	10	150	500	
Sulphate	1220	U	1500	710	2900	8400	1000	20000	50000	
Total Dissolved Solids	1020	N	1700	910	3300	10000	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	32	16	62	190	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	15

Leachate Test Information	
Leachant volume 1st extract/l	0.319
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.302

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 810661							Limits			
Sample Ref: TP105							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID: TP105										
Sample Location:										
Top Depth(m): 0.50										
Bottom Depth(m): 2.10										
Sampling Date: 09-Apr-2019										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	U	%				1.2	3	5	6
Loss On Ignition	2610	U	%				4.6	--	--	10
Total BTEX	2760	U	mg/kg				< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				460	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg				34	100	--	--
pH	2010	U					7.9	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.020	--	To evaluate	To evaluate			
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1450	U	0.0018	0.0017	< 0.050	< 0.050	0.5	2	25	
Barium	1450	U	0.046	0.043	< 0.50	< 0.50	20	100	300	
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5	
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70	
Copper	1450	U	0.0043	0.0041	< 0.050	< 0.050	2	50	100	
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2	
Molybdenum	1450	U	0.012	0.0065	< 0.050	0.072	0.5	10	30	
Nickel	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.4	10	40	
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50	
Antimony	1450	U	0.0035	0.0029	< 0.010	0.030	0.06	0.7	5	
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7	
Zinc	1450	U	0.011	< 0.0010	< 0.50	< 0.50	4	50	200	
Chloride	1220	U	18	3.6	36	55	800	15000	25000	
Fluoride	1220	U	0.43	0.67	< 1.0	6.4	10	150	500	
Sulphate	1220	U	560	130	1100	1900	1000	20000	50000	
Total Dissolved Solids	1020	N	850	310	1700	3800	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	24	17	< 50	180	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	14

Leachate Test Information	
Leachant volume 1st extract/l	0.323
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.237

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 810662							Limits		
Sample Ref:							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID: TP106									
Sample Location:									
Top Depth(m): 0.00									
Bottom Depth(m): 0.80									
Sampling Date: 09-Apr-2019									
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				2.8		
Loss On Ignition	2610	U	%				5.1		
Total BTEX	2760	U	mg/kg				< 0.010		
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10		
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				170		
Total (Of 17) PAH's	2700	N	mg/kg				29		
pH	2010	U					8.9		
Acid Neutralisation Capacity	2015	N	mol/kg	0.015			To evaluate		
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	0.0098	0.0041	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.018	0.030	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0014	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.13	0.0076	0.26	0.18	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.052	0.010	0.10	0.16	0.5	10	30
Nickel	1450	U	0.0069	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0020	0.0022	< 0.010	0.022	0.06	0.7	5
Selenium	1450	U	0.0023	0.0017	< 0.010	0.018	0.1	0.5	7
Zinc	1450	U	0.010	0.0022	< 0.50	< 0.50	4	50	200
Chloride	1220	U	29	3.3	57	68	800	15000	25000
Fluoride	1220	U	0.84	1.0	1.7	9.8	10	150	500
Sulphate	1220	U	530	250	1000	2800	1000	20000	50000
Total Dissolved Solids	1020	N	780	330	1500	3900	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	33	24	66	250	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	15

Leachate Test Information	
Leachant volume 1st extract/l	0.319
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.237

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 810663							Limits			
Sample Ref: TP107							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID: TP107										
Sample Location:										
Top Depth(m): 0.00										
Bottom Depth(m): 0.60										
Sampling Date: 09-Apr-2019										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	U	%				1.9	3	5	6
Loss On Ignition	2610	U	%				5.3	--	--	10
Total BTEX	2760	U	mg/kg				< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				160	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg				53	100	--	--
pH	2010	U					9.0	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.031	--	To evaluate	To evaluate			
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1450	U	0.0058	0.0030	< 0.050	< 0.050	0.5	2	25	
Barium	1450	U	0.021	0.033	< 0.50	< 0.50	20	100	300	
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5	
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70	
Copper	1450	U	0.0046	0.0044	< 0.050	< 0.050	2	50	100	
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2	
Molybdenum	1450	U	0.016	0.0094	< 0.050	0.10	0.5	10	30	
Nickel	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.4	10	40	
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50	
Antimony	1450	U	0.0016	0.0023	< 0.010	0.022	0.06	0.7	5	
Selenium	1450	U	0.0013	0.0018	< 0.010	0.017	0.1	0.5	7	
Zinc	1450	U	0.0055	0.0026	< 0.50	< 0.50	4	50	200	
Chloride	1220	U	3.7	3.5	< 10	35	800	15000	25000	
Fluoride	1220	U	0.66	0.95	1.3	9.0	10	150	500	
Sulphate	1220	U	190	230	380	2300	1000	20000	50000	
Total Dissolved Solids	1020	N	330	380	640	3700	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	18	17	< 50	170	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	14

Leachate Test Information	
Leachant volume 1st extract/l	0.321
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.263

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 810664							Limits		
Sample Ref: TP109							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID: TP109									
Sample Location:									
Top Depth(m): 0.00									
Bottom Depth(m): 0.90									
Sampling Date: 09-Apr-2019									
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				3		
Loss On Ignition	2610	U	%				5		
Total BTEX	2760	U	mg/kg				6		
Total PCBs (7 Congeners)	2815	U	mg/kg				--		
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				10		
Total (Of 17) PAH's	2700	N	mg/kg				--		
pH	2010	U					6		
Acid Neutralisation Capacity	2015	N	mol/kg	0.042					
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	0.0042	0.0015	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.043	0.031	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	0.00012	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0054	0.0053	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.0057	0.0071	< 0.050	0.069	0.5	10	30
Nickel	1450	U	0.0022	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0027	0.0023	< 0.010	0.024	0.06	0.7	5
Selenium	1450	U	0.0019	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.015	0.0020	< 0.50	< 0.50	4	50	200
Chloride	1220	U	37	7.0	73	110	800	15000	25000
Fluoride	1220	U	0.16	0.30	< 1.0	2.8	10	150	500
Sulphate	1220	U	590	160	1200	2200	1000	20000	50000
Total Dissolved Solids	1020	N	910	400	1800	4700	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	23	20	< 50	200	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	13

Leachate Test Information	
Leachant volume 1st extract/l	0.323
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.253

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 810665							Limits			
Sample Ref: TP110							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID: TP110										
Sample Location:										
Top Depth(m): 0.00										
Bottom Depth(m): 2.00										
Sampling Date: 09-Apr-2019										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	U	%				3.6	3	5	6
Loss On Ignition	2610	U	%				5.6	--	--	10
Total BTEX	2760	U	mg/kg				0.021	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				130	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg				100	100	--	--
pH	2010	U					8.5	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.0090	--	To evaluate	To evaluate			
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1450	U	0.0025	0.0035	< 0.050	< 0.050	0.5	2	25	
Barium	1450	U	0.056	0.032	< 0.50	< 0.50	20	100	300	
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5	
Chromium	1450	U	< 0.0010	0.0028	< 0.050	< 0.050	0.5	10	70	
Copper	1450	U	0.0038	0.0078	< 0.050	< 0.050	2	50	100	
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2	
Molybdenum	1450	U	0.020	0.0073	< 0.050	0.092	0.5	10	30	
Nickel	1450	U	0.0029	< 0.0010	< 0.050	< 0.050	0.4	10	40	
Lead	1450	U	0.0019	< 0.0010	< 0.010	< 0.010	0.5	10	50	
Antimony	1450	U	0.0087	0.0069	0.017	0.072	0.06	0.7	5	
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7	
Zinc	1450	U	0.038	0.0082	< 0.50	< 0.50	4	50	200	
Chloride	1220	U	68	25	140	310	800	15000	25000	
Fluoride	1220	U	0.42	0.31	< 1.0	3.3	10	150	500	
Sulphate	1220	U	1500	1300	3000	13000	1000	20000	50000	
Total Dissolved Solids	1020	N	1700	1300	3300	14000	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	19	26	< 50	250	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	13

Leachate Test Information	
Leachant volume 1st extract/l	0.324
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.262

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 810666							Limits		
Sample Ref: TP111							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID: TP111									
Sample Location:									
Top Depth(m): 0.00									
Bottom Depth(m): 2.00									
Sampling Date: 09-Apr-2019									
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				2.9		
Loss On Ignition	2610	U	%				7.7		
Total BTEX	2760	U	mg/kg				< 0.010		
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10		
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				190		
Total (Of 17) PAH's	2700	N	mg/kg				99		
pH	2010	U					9.1		
Acid Neutralisation Capacity	2015	N	mol/kg	0.019					
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	0.0056	0.0015	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.057	0.046	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	0.0019	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.013	0.0034	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.027	0.010	0.053	0.13	0.5	10	30
Nickel	1450	U	0.0036	0.0012	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0051	0.0065	0.010	0.063	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.020	0.026	< 0.50	< 0.50	4	50	200
Chloride	1220	U	25	8.5	49	110	800	15000	25000
Fluoride	1220	U	0.31	0.40	< 1.0	3.8	10	150	500
Sulphate	1220	U	1300	410	2500	5600	1000	20000	50000
Total Dissolved Solids	1020	N	1600	720	3100	8500	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	40	22	79	250	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	16

Leachate Test Information	
Leachant volume 1st extract/l	0.317
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.288

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 810667							Limits			
Sample Ref:							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID: TP112										
Sample Location:										
Top Depth(m): 0.00										
Bottom Depth(m): 1.60										
Sampling Date: 09-Apr-2019										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	U	%				2.8	3	5	6
Loss On Ignition	2610	U	%				7.2	--	--	10
Total BTEX	2760	U	mg/kg				0.079	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				1600	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg				88	100	--	--
pH	2010	U					8.2	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg				0.019	--	To evaluate	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1450	U	0.0032	0.0020	< 0.050	< 0.050	0.5	2	25	
Barium	1450	U	0.064	0.050	< 0.50	0.52	20	100	300	
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5	
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70	
Copper	1450	U	0.0070	0.0064	< 0.050	< 0.050	2	50	100	
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2	
Molybdenum	1450	U	0.042	0.019	0.082	0.22	0.5	10	30	
Nickel	1450	U	0.010	0.0033	< 0.050	< 0.050	0.4	10	40	
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50	
Antimony	1450	U	0.0089	0.0075	0.017	0.077	0.06	0.7	5	
Selenium	1450	U	0.0013	< 0.0010	< 0.010	< 0.010	0.1	0.5	7	
Zinc	1450	U	0.035	0.028	< 0.50	< 0.50	4	50	200	
Chloride	1220	U	73	12	140	210	800	15000	25000	
Fluoride	1220	U	0.52	0.53	1.0	5.3	10	150	500	
Sulphate	1220	U	1500	1400	2900	14000	1000	20000	50000	
Total Dissolved Solids	1020	N	1800	1500	3400	15000	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	36	22	71	240	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	20

Leachate Test Information	
Leachant volume 1st extract/l	0.308
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.258

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836 Chemtest Sample ID: 810668 Sample Ref: Sample ID: TP113 Sample Location: Top Depth(m): 0.00 Bottom Depth(m): 2.20 Sampling Date: 10-Apr-2019							Landfill Waste Acceptance Criteria		
			Inert Waste Landfill				Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				2.2	3	5
Loss On Ignition	2610	U	%				4.7	--	10
Total BTEX	2760	U	mg/kg				0.041	6	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				100	500	--
Total (Of 17) PAH's	2700	N	mg/kg				29	100	--
pH	2010	U					8.2	--	>6
Acid Neutralisation Capacity	2015	N	mol/kg				0.024	--	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	0.0022	0.0014	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.062	0.042	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0027	0.0023	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.025	0.0095	< 0.050	0.12	0.5	10	30
Nickel	1450	U	0.0026	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0054	0.0039	0.011	0.041	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.032	0.013	< 0.50	< 0.50	4	50	200
Chloride	1220	U	40	6.6	79	110	800	15000	25000
Fluoride	1220	U	0.50	0.52	< 1.0	5.2	10	150	500
Sulphate	1220	U	1500	690	3000	8100	1000	20000	50000
Total Dissolved Solids	1020	N	1600	850	3200	9600	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-
Dissolved Organic Carbon	1610	U	33	19	64	210	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.314
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.255

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 810669							Limits		
Sample Ref: TP115							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID: TP115									
Sample Location:									
Top Depth(m): 0.00									
Bottom Depth(m): 1.90									
Sampling Date: 10-Apr-2019									
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				3.8		
Loss On Ignition	2610	U	%				7.0		
Total BTEX	2760	U	mg/kg				< 0.010		
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10		
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				330		
Total (Of 17) PAH's	2700	N	mg/kg				140		
pH	2010	U					8.0		
Acid Neutralisation Capacity	2015	N	mol/kg	0.021			--	To evaluate	To evaluate
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	0.0035	0.0045	< 0.050	< 0.050	0.5	2	25
Barium	1450	U	0.073	0.023	< 0.50	< 0.50	20	100	300
Cadmium	1450	U	< 0.00010	< 0.00010	< 0.010	< 0.010	0.04	1	5
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70
Copper	1450	U	0.0054	0.0061	< 0.050	< 0.050	2	50	100
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2
Molybdenum	1450	U	0.028	0.0092	0.055	0.12	0.5	10	30
Nickel	1450	U	0.0010	< 0.0010	< 0.050	< 0.050	0.4	10	40
Lead	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.5	10	50
Antimony	1450	U	0.0071	0.0065	0.014	0.066	0.06	0.7	5
Selenium	1450	U	< 0.0010	< 0.0010	< 0.010	< 0.010	0.1	0.5	7
Zinc	1450	U	0.024	0.0031	< 0.50	< 0.50	4	50	200
Chloride	1220	U	23	7.0	45	94	800	15000	25000
Fluoride	1220	U	0.44	0.43	< 1.0	4.3	10	150	500
Sulphate	1220	U	1300	190	2500	3500	1000	20000	50000
Total Dissolved Solids	1020	N	1400	310	2700	4700	4000	60000	100000
Phenol Index	1920	U	< 0.030	3.7	< 0.30	31	1	-	-
Dissolved Organic Carbon	1610	U	25	19	< 50	200	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	17

Leachate Test Information	
Leachant volume 1st extract/l	0.315
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.269

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria			
Chemtest Sample ID: 810670							Limits			
Sample Ref:							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill	
Sample ID: TP116										
Sample Location:										
Top Depth(m): 0.00										
Bottom Depth(m): 2.40										
Sampling Date: 10-Apr-2019										
Determinand	SOP	Accred.	Units							
Total Organic Carbon	2625	U	%				3.1	3	5	6
Loss On Ignition	2610	U	%				6.4	--	--	10
Total BTEX	2760	U	mg/kg				< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	U	mg/kg				< 0.10	1	--	--
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				99	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg				87	100	--	--
pH	2010	U					8.3	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	0.013	--	To evaluate	To evaluate			
Eluate Analysis			2:1 mg/l	8:1 mg/l	2:1 mg/kg	Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg			
Arsenic	1450	U	0.0025	0.0016	< 0.050	< 0.050	0.5	2	25	
Barium	1450	U	0.061	0.050	< 0.50	0.51	20	100	300	
Cadmium	1450	U	0.00032	0.0015	< 0.010	0.013	0.04	1	5	
Chromium	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	0.5	10	70	
Copper	1450	U	0.0036	0.0037	< 0.050	< 0.050	2	50	100	
Mercury	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.01	0.2	2	
Molybdenum	1450	U	0.024	0.012	< 0.050	0.14	0.5	10	30	
Nickel	1450	U	0.0039	0.0015	< 0.050	< 0.050	0.4	10	40	
Lead	1450	U	0.0015	< 0.0010	< 0.010	< 0.010	0.5	10	50	
Antimony	1450	U	0.0052	0.0043	0.010	0.044	0.06	0.7	5	
Selenium	1450	U	0.0023	0.0011	< 0.010	0.013	0.1	0.5	7	
Zinc	1450	U	0.037	0.032	< 0.50	< 0.50	4	50	200	
Chloride	1220	U	77	13	150	230	800	15000	25000	
Fluoride	1220	U	0.34	0.34	< 1.0	3.4	10	150	500	
Sulphate	1220	U	1600	1300	3100	13000	1000	20000	50000	
Total Dissolved Solids	1020	N	1800	1300	3500	14000	4000	60000	100000	
Phenol Index	1920	U	< 0.030	< 0.030	< 0.30	< 0.50	1	-	-	
Dissolved Organic Carbon	1610	U	30	18	59	200	500	800	1000	

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	16

Leachate Test Information	
Leachant volume 1st extract/l	0.316
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.262

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

Results - 2 Stage WAC

Project: LKC 19 1139 Blackley Mere 2

Chemtest Job No: 19-12836							Landfill Waste Acceptance Criteria		
Chemtest Sample ID: 810671							Limits		
Sample Ref:							Inert Waste Landfill	Stable, Non-reactive hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID: TP119									
Sample Location:									
Top Depth(m): 0.00									
Bottom Depth(m): 2.30									
Sampling Date: 10-Apr-2019									
Determinand	SOP	Accred.	Units						
Total Organic Carbon	2625	U	%				3		
Loss On Ignition	2610	U	%				5		
Total BTEX	2760	U	mg/kg				6		
Total PCBs (7 Congeners)	2815	U	mg/kg				--		
TPH Total WAC (Mineral Oil)	2670	U	mg/kg				10		
Total (Of 17) PAH's	2700	N	mg/kg				--		
pH	2010	U					6		
Acid Neutralisation Capacity	2015	N	mol/kg	82					
Eluate Analysis						Cumulative mg/kg 10:1	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1450	U	2:1 mg/l	8:1 mg/l	2:1 mg/kg	< 0.050	0.5	2	25
Barium	1450	U	0.0063	0.0026	< 0.050	< 0.050	20	100	300
Cadmium	1450	U	0.067	0.042	< 0.50	< 0.50	0.04	1	5
Chromium	1450	U	0.00014	< 0.00010	< 0.010	< 0.010	0.5	10	70
Copper	1450	U	< 0.0010	< 0.0010	< 0.050	< 0.050	2	50	100
Mercury	1450	U	0.011	0.0059	< 0.050	< 0.050	0.01	0.2	2
Molybdenum	1450	U	< 0.00050	< 0.00050	< 0.0010	< 0.0050	0.5	10	30
Nickel	1450	U	0.050	0.013	0.099	0.19	0.4	10	40
Lead	1450	U	0.0066	< 0.0010	< 0.050	< 0.050	0.5	10	50
Antimony	1450	U	0.0018	< 0.0010	< 0.010	< 0.010	0.06	0.7	5
Selenium	1450	U	0.012	0.0099	0.024	0.10	0.1	0.5	7
Zinc	1450	U	0.0017	< 0.0010	< 0.010	< 0.010	4	50	200
Chloride	1220	U	0.038	0.018	< 0.50	< 0.50	800	15000	25000
Fluoride	1220	U	29	5.6	57	91	10	150	500
Sulphate	1220	U	0.38	0.28	< 1.0	2.9	1000	20000	50000
Total Dissolved Solids	1020	N	1600	800	3100	9200	4000	60000	100000
Phenol Index	1920	U	1700	980	3300	11000	1	-	-
Dissolved Organic Carbon	1610	U	< 0.030	< 0.030	< 0.30	< 0.50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.175
Moisture (%)	13

Leachate Test Information	
Leachant volume 1st extract/l	0.324
Leachant volume 2nd extract/l	1.400
Eluant recovered from 1st extract/l	0.262

Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

SOP	Title	Parameters included	Method summary
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
640	Characterisation of Waste (Leaching)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

Report Information

Key

- U UKAS accredited
- M MCERTS and UKAS accredited
- N Unaccredited
- S This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
- SN This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
- T This analysis has been subcontracted to an unaccredited laboratory
- I/S Insufficient Sample
- U/S Unsuitable Sample
- N/E not evaluated
- < "less than"
- > "greater than"

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

customerservices@chemtest.com



TEST REPORT

Client LK Consult Ltd

Address Unit 29 Eton Business
Eton Hill Road
Radcliffe
Greater Manchester
M26 2ZS

Contract LKC 19 1139 –
Blackley Mere Lower Reservoir

Job Number MRN 3524/69
Date of Issue 30 April 2019
Page 1 of 23

Approved Signatories

S J Hutchings, O P Davies

Notes

- 1 All remaining samples and remnants from this contract will be disposed 28 days from the date of this report unless you notify us to the contrary.
- 2 Result certificates, in this report, not bearing a UKAS mark, are not included in our UKAS accreditation schedule.
- 3 Opinions and interpretations expressed herein are outside the scope of our UKAS accreditation
- 4 Certified that the samples have been examined and tested in accordance with the terms of the contract/order and unless otherwise stated conform to the standards/specifications quoted. This does not, however, guarantee the balance of the materials from which the tested samples have been taken to be of equal quality.



MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
TEL 0161 475 0870 FAX 0161 475 0871



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

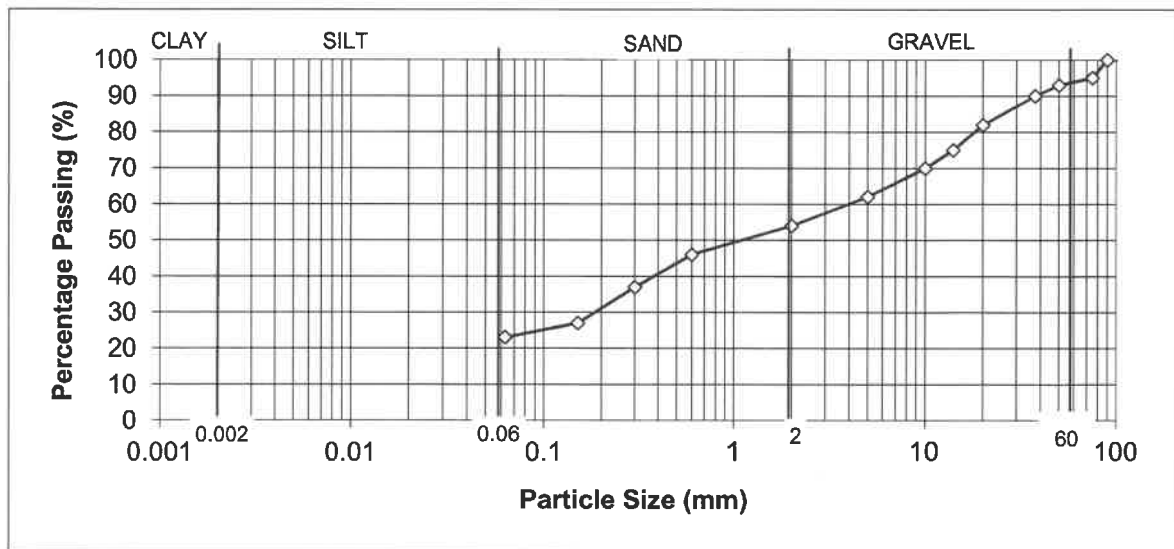
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP101 0-0.8m / 596621	DATE SAMPLED	Not advised
LAB SAMPLE No	82718	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	70	
90	100		5	62	
75	95		2	54	15-80
50	93		0.6	46	
37.5	90		0.3	37	
20	82		0.15	27	
14	75		0.063	23	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 19%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

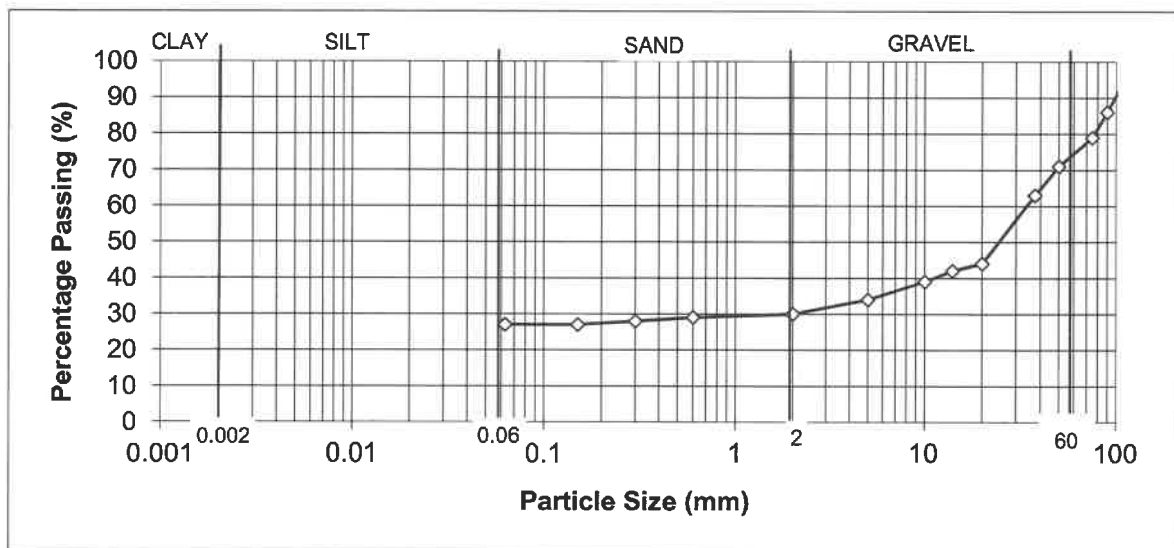
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP102 0-1.0m / 596622	DATE SAMPLED	Not advised
LAB SAMPLE No	82719	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	39	
90	86		5	34	
75	79		2	30	15-80
50	71		0.6	29	
37.5	63		0.3	28	
20	44		0.15	27	
14	42		0.063	27	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 20%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

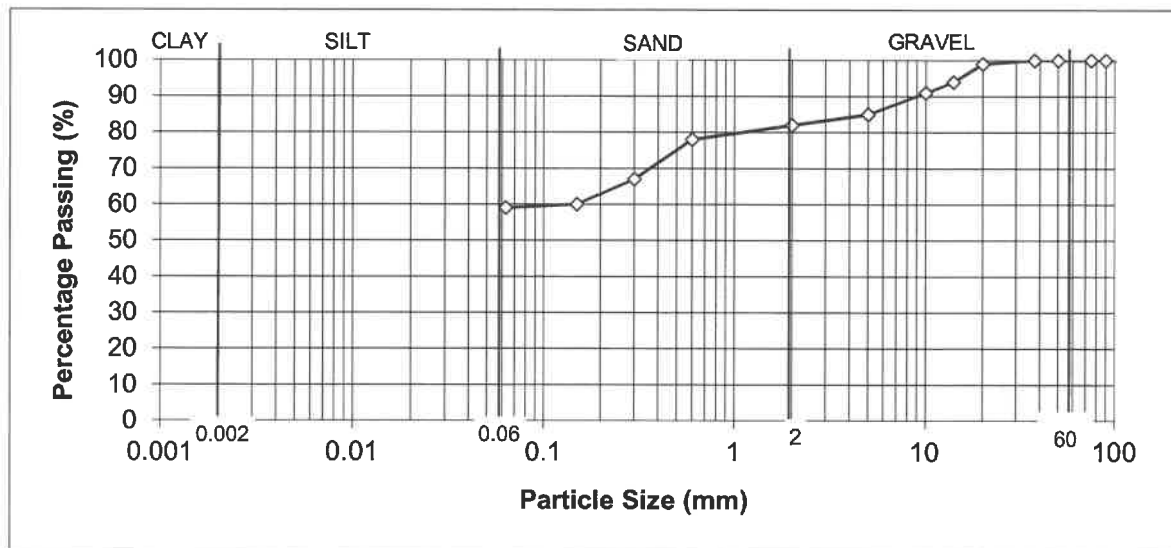
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP107 0.6-2.2m / 596630	DATE SAMPLED	Not advised
LAB SAMPLE No	82720	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	91	
90	100		5	85	
75	100		2	82	80-100
50	100		0.6	78	
37.5	100		0.3	67	
20	99		0.15	60	
14	94		0.063	59	15-100



REMARKS

Sample complies with the grading specification for a 2A/2B material (SHW 2016)

As received moisture content = 15%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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Reddish, Stockport SK5 7BR
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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

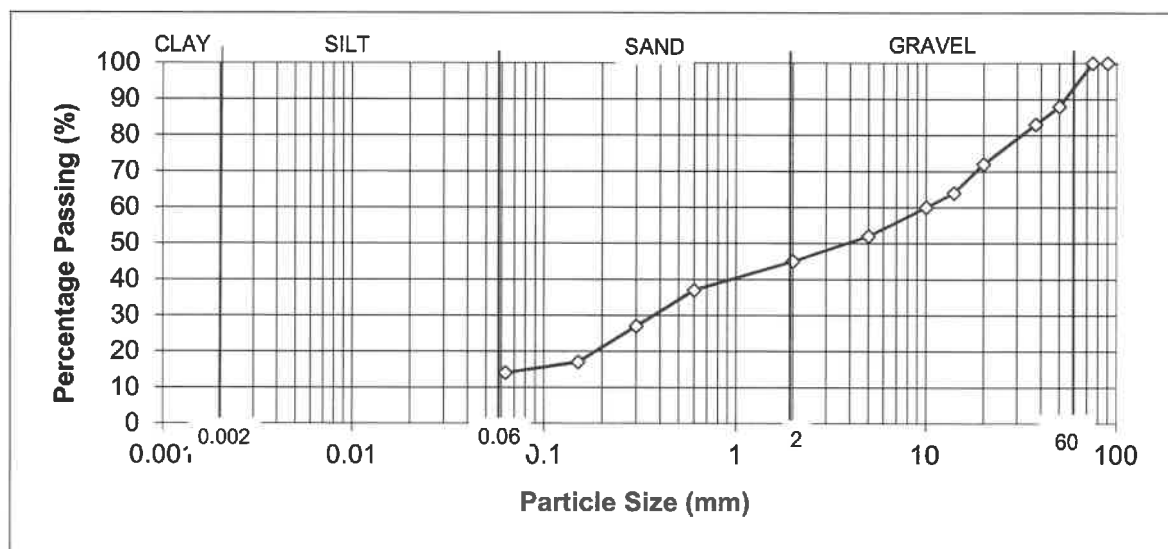
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP103 0.1-1.2m / 596624	DATE SAMPLED	Not advised
LAB SAMPLE No	82721	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	10	60	
90	100		5	52	
75	100		2	45	
50	88		0.6	37	
37.5	83		0.3	27	
20	72		0.15	17	
14	64		0.063	14	<15



REMARKS

Sample complies with the grading specification for a 1A material (SHW 2016)

As received moisture content = 17%, Uniformity coefficient = >10

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

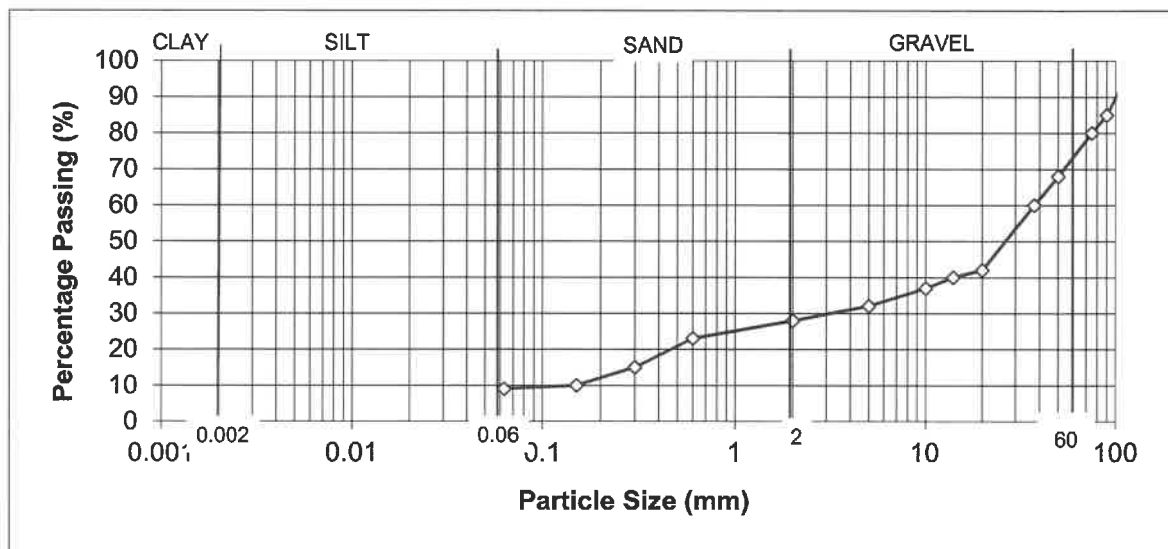
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP104 0-2.4m / 596625	DATE SAMPLED	Not advised
LAB SAMPLE No	82722	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	10	37	
90	85		5	32	
75	80		2	28	
50	68		0.6	23	
37.5	60		0.3	15	
20	42		0.15	10	
14	40		0.063	9	<15



REMARKS

Sample complies with the grading specification for a 1A material (SHW 2016)

As received moisture content = 19%, Uniformity coefficient = >10

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

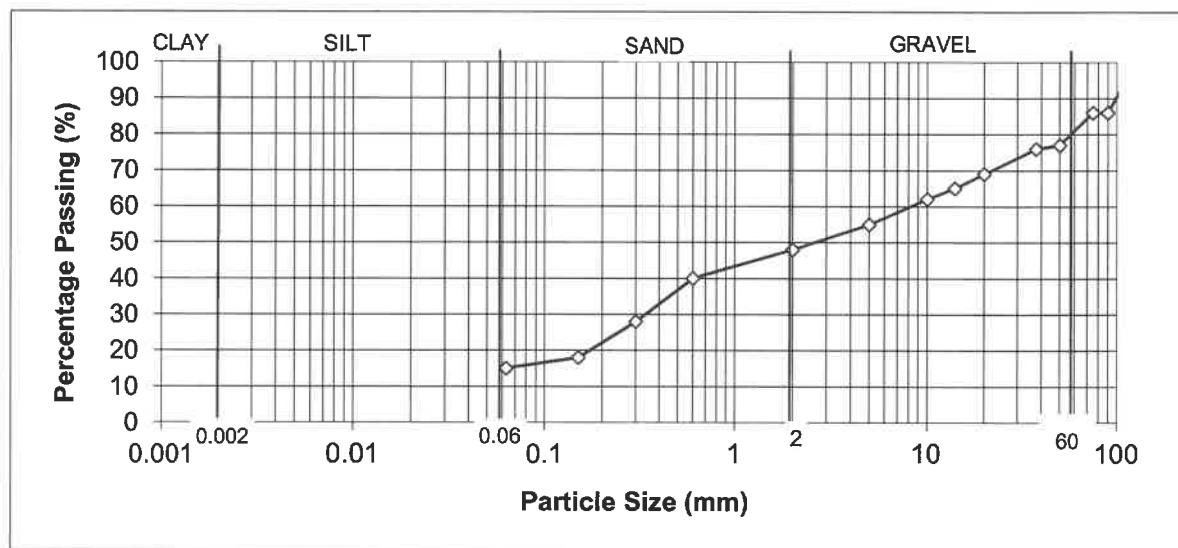
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP105 0-0.5m / 596626	DATE SAMPLED	Not advised
LAB SAMPLE No	82723	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	62	
90	86		5	55	
75	86		2	48	15-80
50	77		0.6	40	
37.5	76		0.3	28	
20	69		0.15	18	
14	65		0.063	15	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 15%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

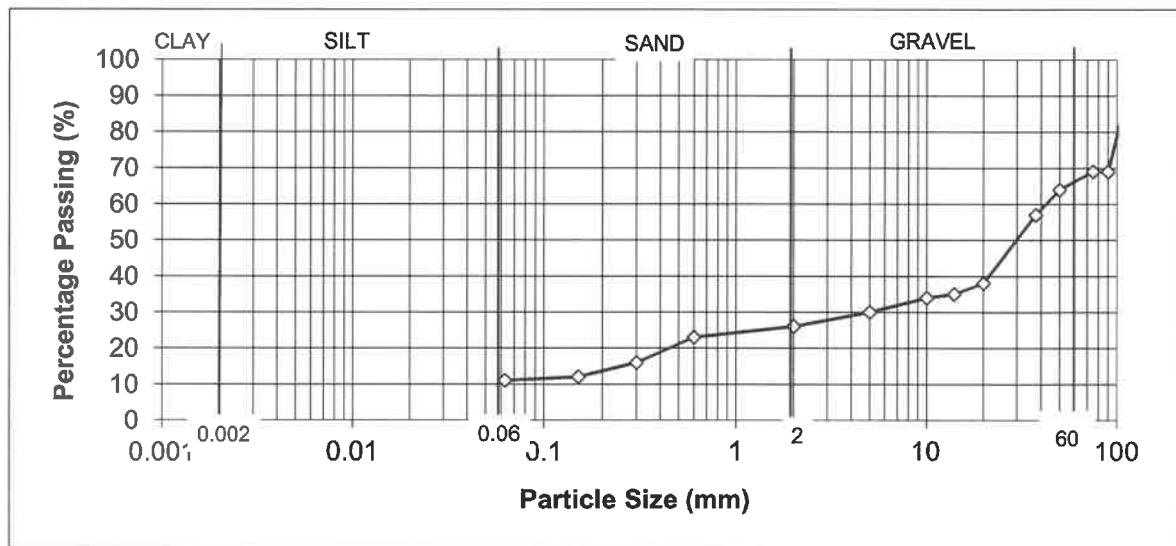
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP102 0.5-2.1m / 596627	DATE SAMPLED	Not advised
LAB SAMPLE No	82724	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	10	34	
90	69		5	30	
75	69		2	26	
50	64		0.6	23	
37.5	57		0.3	16	
20	38		0.15	12	
14	35		0.063	11	<15



REMARKS

Sample complies with the grading specification for a 1A material (SHW 2016)

As received moisture content = 13%, Uniformity coefficient = >10

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

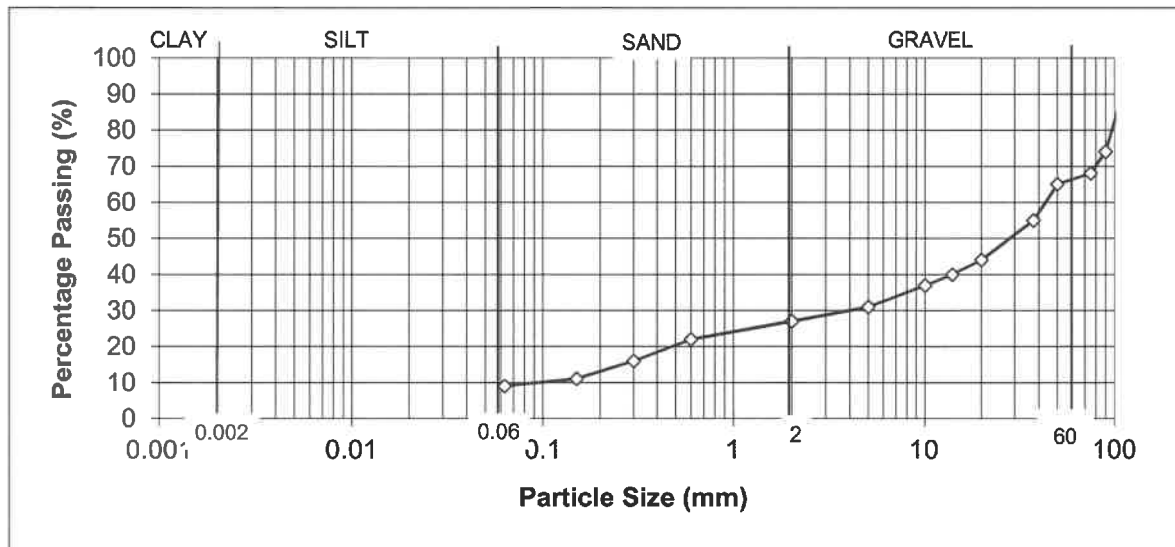
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP106 0-0.8m / 596628	DATE SAMPLED	Not advised
LAB SAMPLE No	82725	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	10	37	
90	74		5	31	
75	68		2	27	
50	65		0.6	22	
37.5	55		0.3	16	
20	44		0.15	11	
14	40		0.063	9	<15



REMARKS

Sample complies with the grading specification for a 1A material (SHW 2016)

As received moisture content = 19%, Uniformity coefficient = >10

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
TEL 0161 475 0870 FAX 0161 475 0871



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

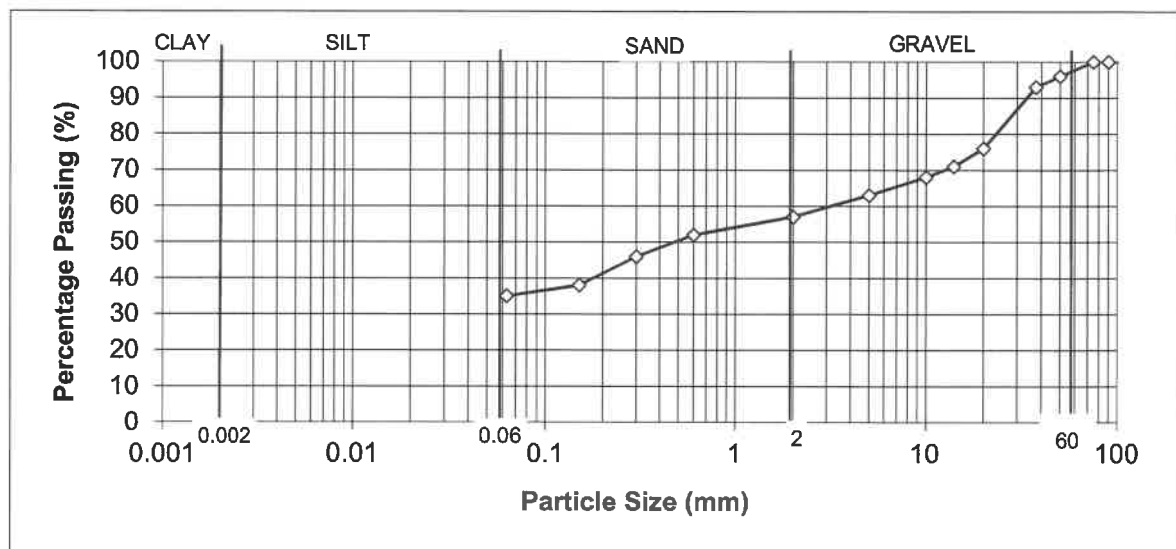
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP107 0-0.6m / 596629	DATE SAMPLED	Not advised
LAB SAMPLE No	82726	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	68	
90	100		5	63	
75	100		2	57	15-80
50	96		0.6	52	
37.5	93		0.3	46	
20	76		0.15	38	
14	71		0.063	35	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 24%

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE 30-Apr-19

MURRAY RIX

33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
TEL 0161 475 0870 FAX 0161 475 0871



TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

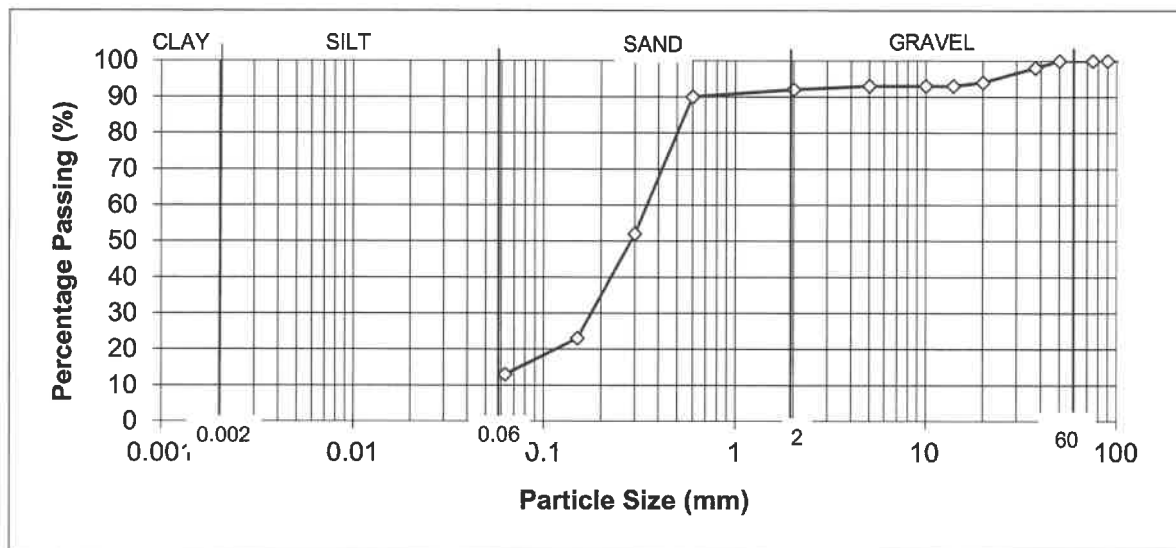
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP107 0.6-2.2m / 596630	DATE SAMPLED	Not advised
LAB SAMPLE No	82727	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	93	
90	100		5	93	
75	100		2	92	
50	100		0.6	90	
37.5	98		0.3	52	
20	94		0.15	23	
14	93		0.063	13	<15



REMARKS

Sample complies with the grading specification for a 1B material (SHW 2016)

As received moisture content = 15%, Uniformity coefficient = <10

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

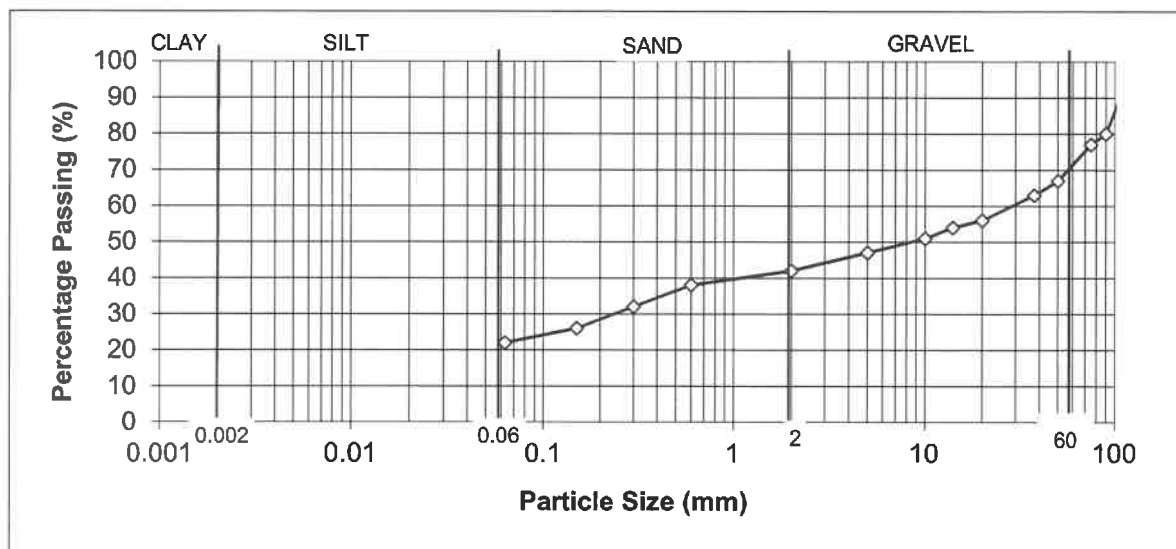
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP108 0-0.7m / 596631	DATE SAMPLED	Not advised
LAB SAMPLE No	82728	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	51	
90	80		5	47	
75	77		2	42	15-80
50	67		0.6	38	
37.5	63		0.3	32	
20	56		0.15	26	
14	54		0.063	22	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 23%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

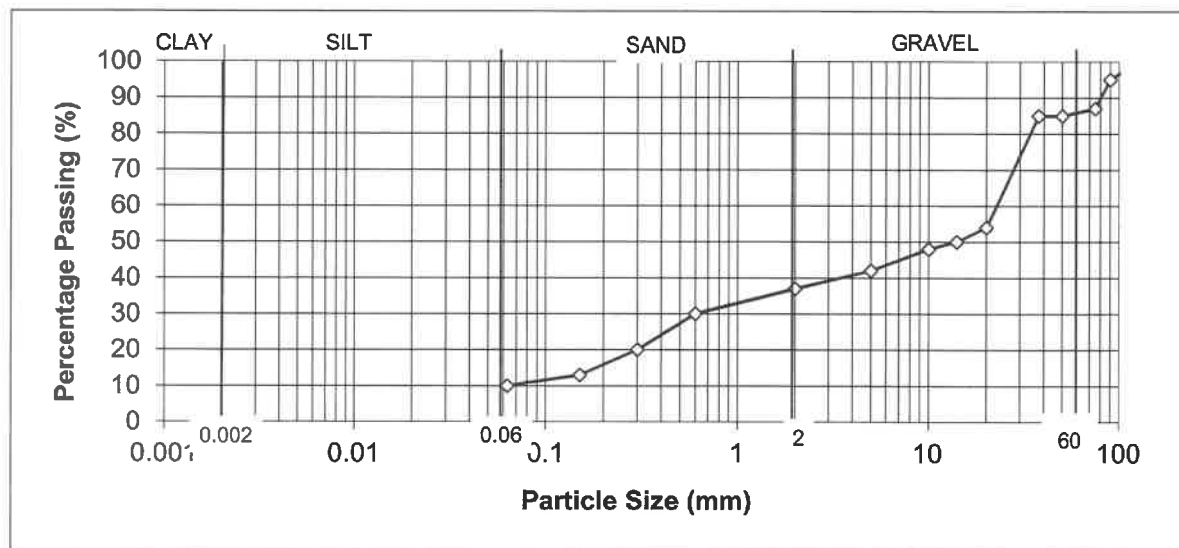
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP109 0-0.9m / 596632	DATE SAMPLED	Not advised
LAB SAMPLE No	82729	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	10	48	
90	95		5	42	
75	87		2	37	
50	85		0.6	30	
37.5	85		0.3	20	
20	54		0.15	13	
14	50		0.063	10	<15



REMARKS

Sample complies with the grading specification for a 1A material (SHW 2016)

As received moisture content = 23%, Uniformity coefficient = >10

SIGNED

NAME O.P. Davies BA (Hons)
(Laboratory Manager)

DATE 30-Apr-19

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

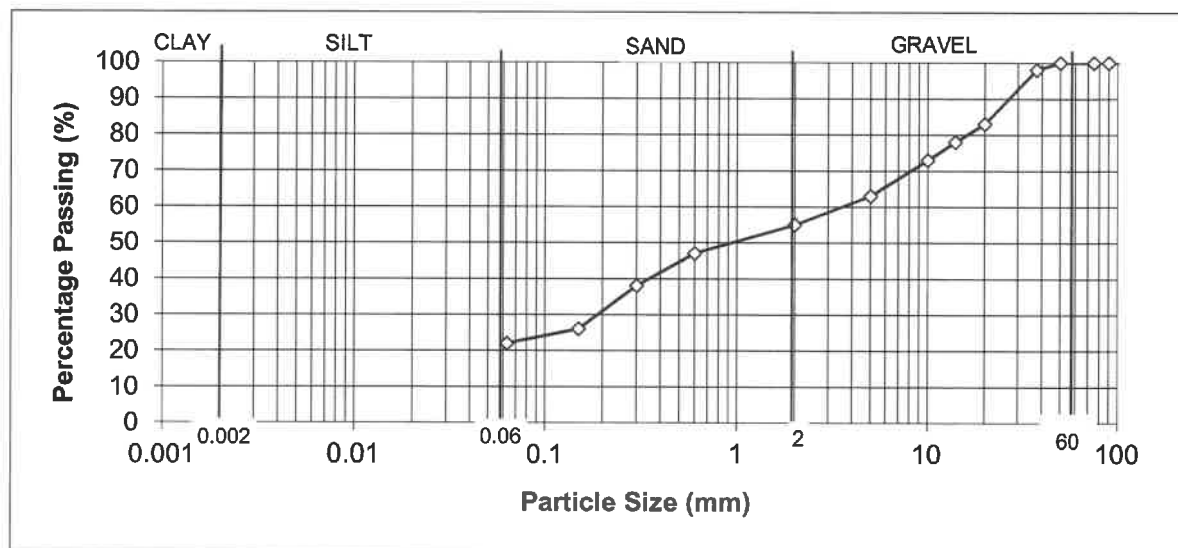
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP110 0-2.0m / 596633	DATE SAMPLED	Not advised
LAB SAMPLE No	82730	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	73	
90	100		5	63	
75	100		2	55	15-80
50	100		0.6	47	
37.5	98		0.3	38	
20	83		0.15	26	
14	78		0.063	22	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 20%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

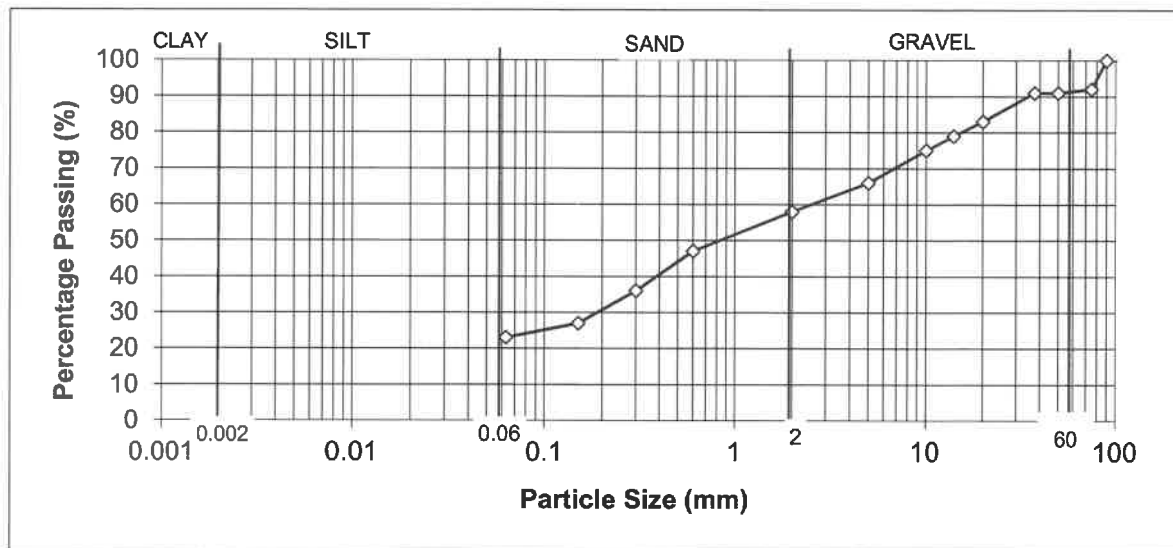
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP111 0-2.0m / 596634	DATE SAMPLED	Not advised
LAB SAMPLE No	82731	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	75	
90	100		5	66	
75	92		2	58	15-80
50	91		0.6	47	
37.5	91		0.3	36	
20	83		0.15	27	
14	79		0.063	23	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 21%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

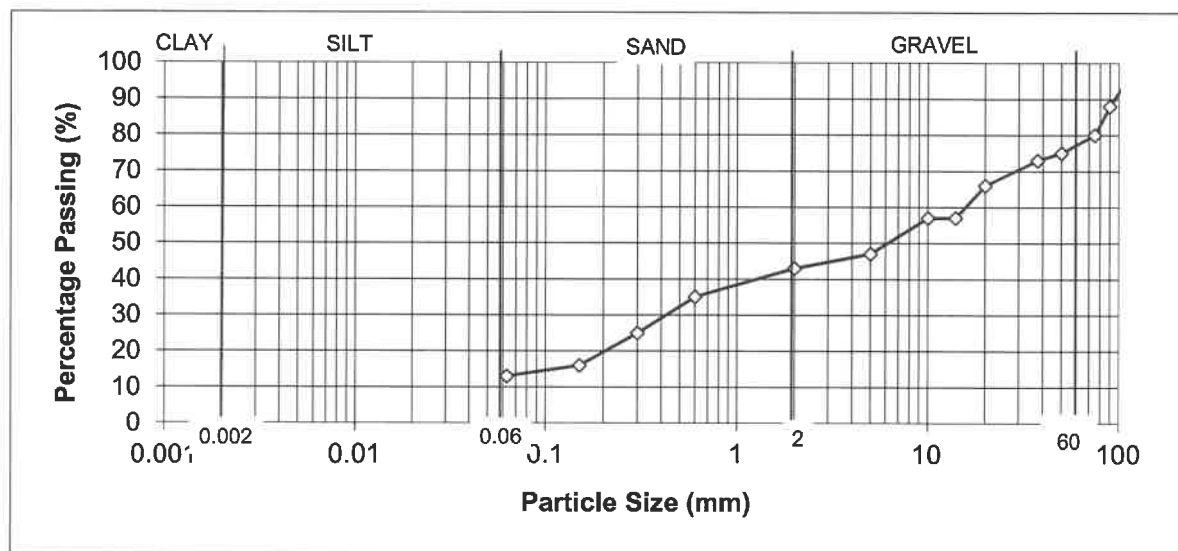
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP112 0-1.6m / 596635	DATE SAMPLED	Not advised
LAB SAMPLE No	82732	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	10	57	
90	88		5	47	
75	80		2	43	
50	75		0.6	35	
37.5	73		0.3	25	
20	66		0.15	16	
14	57		0.063	13	<15



REMARKS

Sample complies with the grading specification for a 1A material (SHW 2016)

As received moisture content = 20%, Uniformity coefficient = >10

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

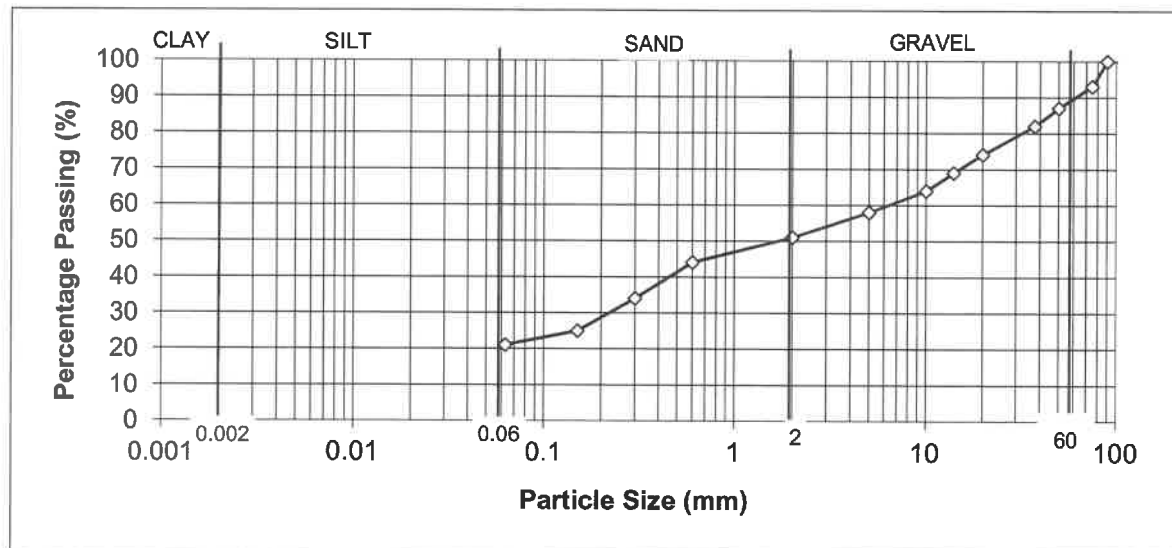
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP113 0-2.2m / 596636	DATE SAMPLED	Not advised
LAB SAMPLE No	82733	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	64	
90	100		5	58	
75	93		2	51	15-80
50	87		0.6	44	
37.5	82		0.3	34	
20	74		0.15	25	
14	69		0.063	21	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 27%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

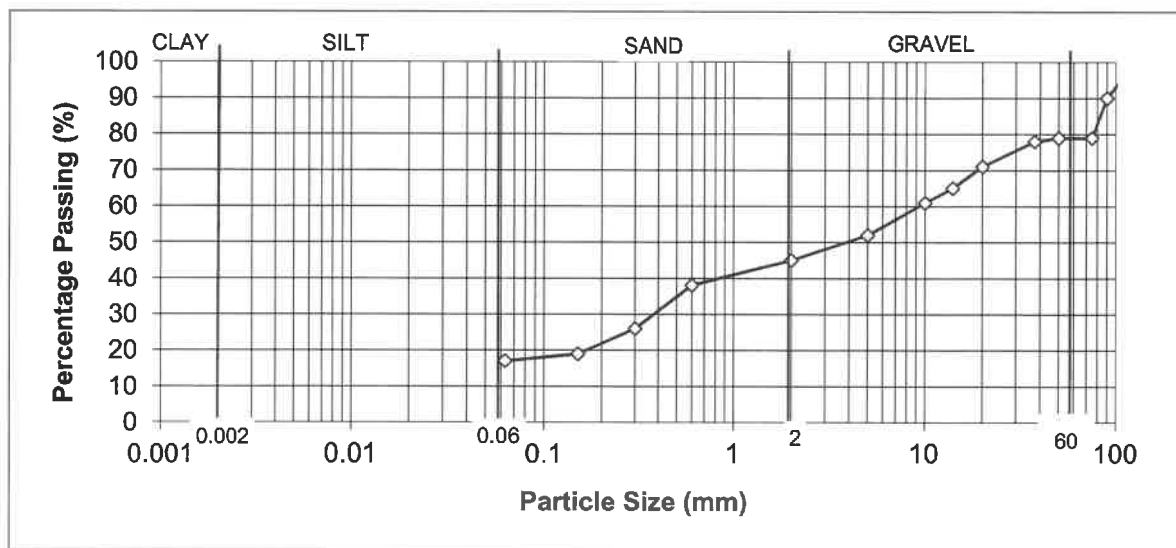
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP114 0-1.7m / 596637	DATE SAMPLED	Not advised
LAB SAMPLE No	82734	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	61	
90	90		5	52	
75	79		2	45	15-80
50	79		0.6	38	
37.5	78		0.3	26	
20	71		0.15	19	
14	65		0.063	17	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 24%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

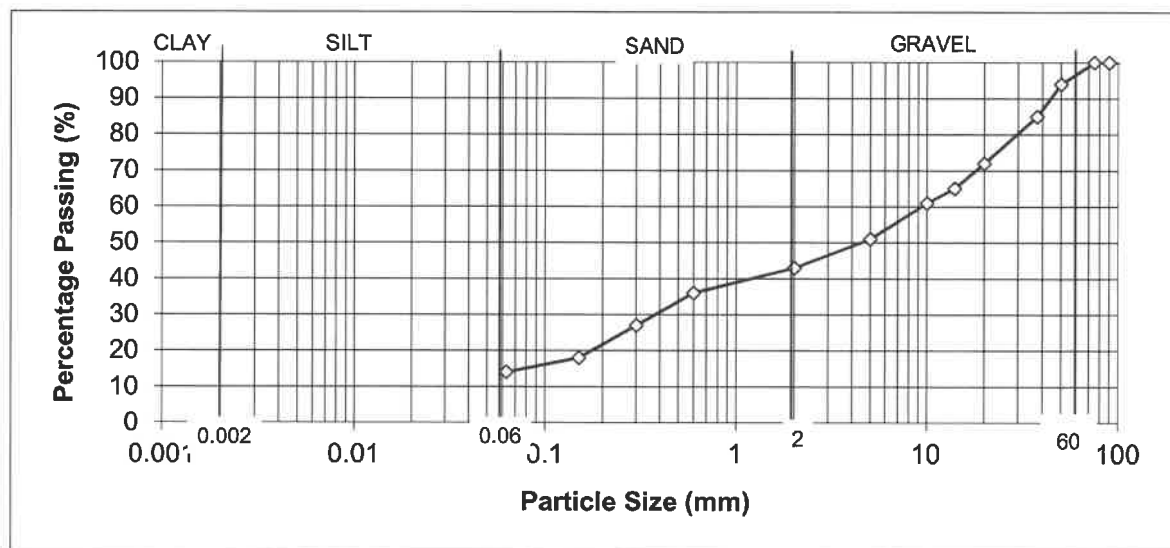
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP115 0-1.9m / 596638	DATE SAMPLED	Not advised
LAB SAMPLE No	82735	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	95-100	10	61	
90	100		5	51	
75	100		2	43	
50	94		0.6	36	
37.5	85		0.3	27	
20	72		0.15	18	
14	65		0.063	14	<15



REMARKS

Sample complies with the grading specification for a 1A material (SHW 2016)

As received moisture content = 20%, Uniformity coefficient = >10

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

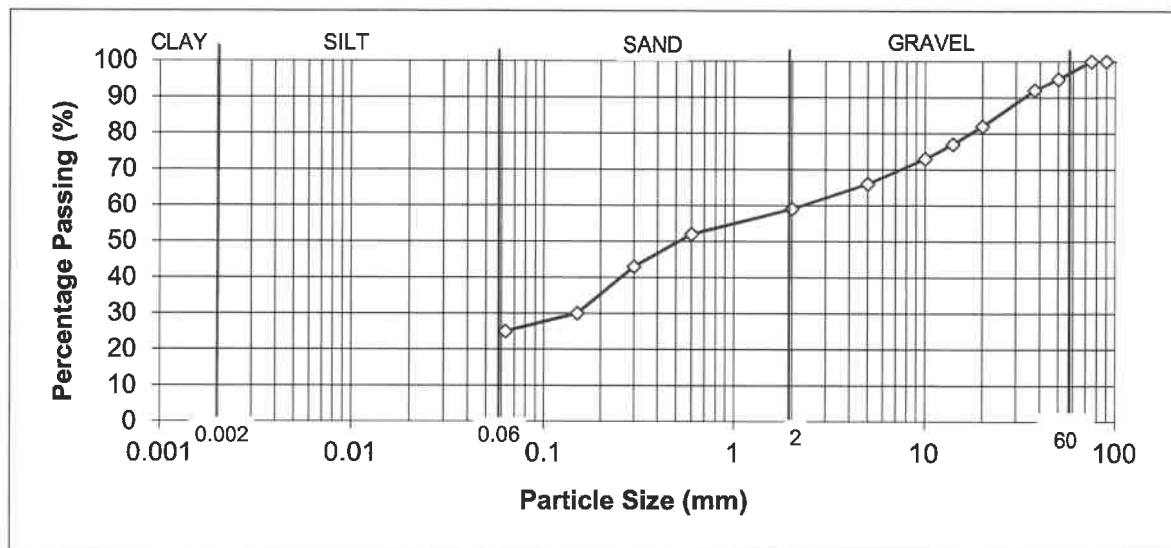
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP116 0-2.1m / 596639	DATE SAMPLED	Not advised
LAB SAMPLE No	82736	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	73	
90	100		5	66	
75	100		2	59	15-80
50	95		0.6	52	
37.5	92		0.3	43	
20	82		0.15	30	
14	77		0.063	25	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 23%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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33C Vauxhall Ind. Estate, Greg Street
Reddish, Stockport SK5 7BR
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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

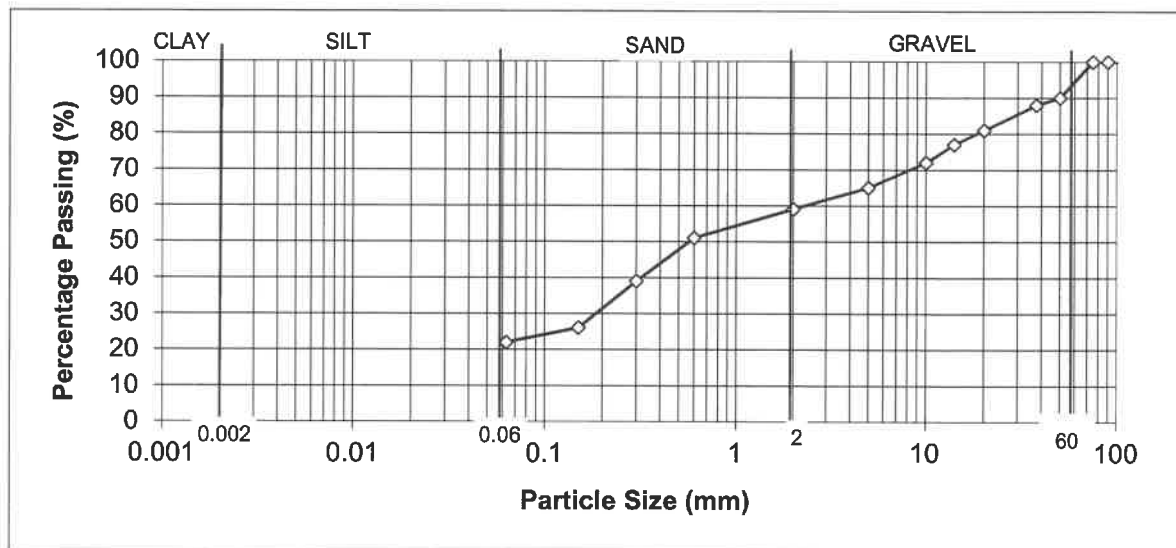
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP117 0-2.4m / 596640	DATE SAMPLED	Not advised
LAB SAMPLE No	82737	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	72	
90	100		5	65	
75	100		2	59	15-80
50	90		0.6	51	
37.5	88		0.3	39	
20	81		0.15	26	
14	77		0.063	22	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 17%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

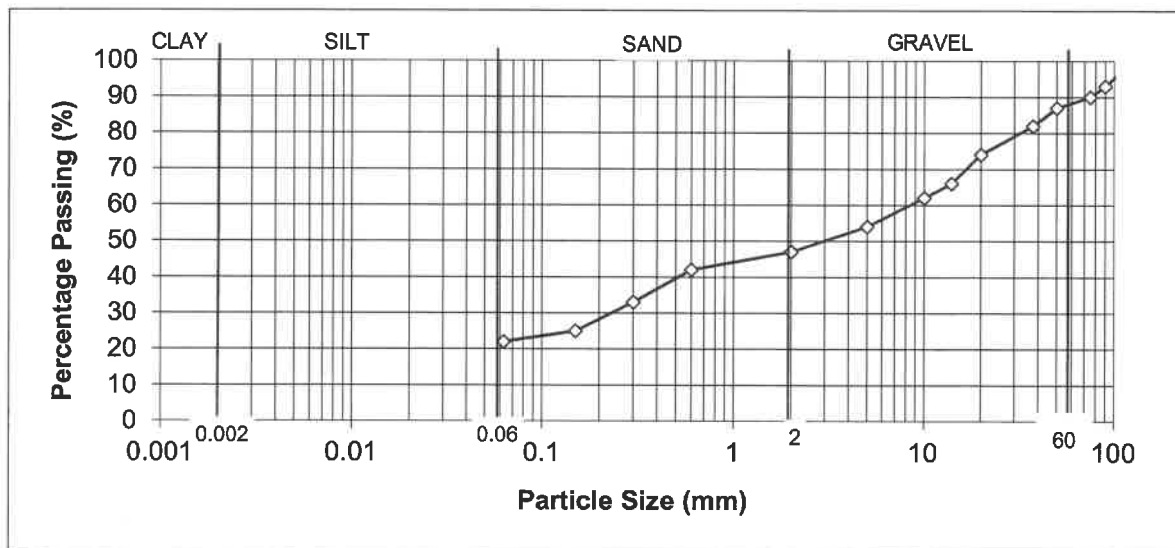
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP118 0-1.8m / 596641	DATE SAMPLED	Not advised
LAB SAMPLE No	82738	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	62	
90	93		5	54	
75	90		2	47	15-80
50	87		0.6	42	
37.5	82		0.3	33	
20	74		0.15	25	
14	66		0.063	22	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 18%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

MURRAY RIX

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Reddish, Stockport SK5 7BR
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TEST CERTIFICATE

PARTICLE SIZE DISTRIBUTION

BS 1377: PART 2: Clause 9.2: 1990

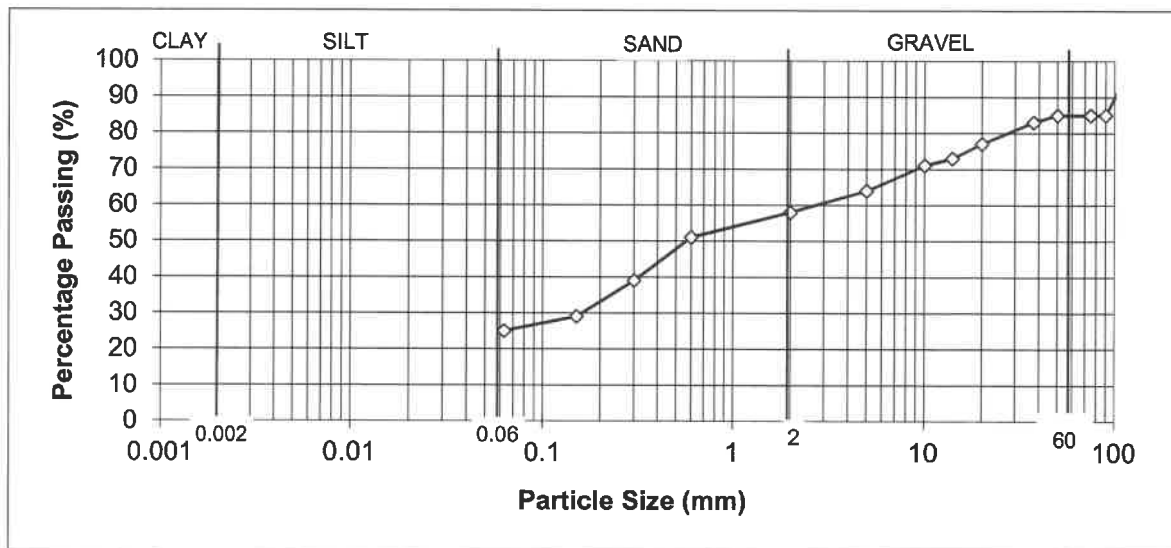
Determination of Moisture Content in accordance with BS 1377: PART 2: Clause 3: 1990 (Oven Dry)

CLIENT	LK Consult Ltd
SITE	LKC 19 1139 - Blackley Mere Lower Reservoir
JOB NUMBER	MRN 3524/69

SAMPLE LABEL	TP119 0-2.3m	DATE SAMPLED	Not advised
LAB SAMPLE No	82739	DATE RECEIVED	16-Apr-19
DATE TESTED	23-Apr-19	SAMPLED BY	Client

MATERIAL	Fill
ADVISED SOURCE	Site Won

Sieve Size (mm)	% Passing (%)	Specification (%)	Sieve Size (mm)	% Passing (%)	Specification (%)
125	100	100	10	71	
90	85		5	64	
75	85		2	58	15-80
50	85		0.6	51	
37.5	83		0.3	39	
20	77		0.15	29	
14	73		0.063	25	15-80



REMARKS

Sample complies with the grading specification for a 2C material (SHW 2016)

As received moisture content = 25%

SIGNED

NAME

O.P. Davies BA (Hons)
(Laboratory Manager)

DATE

30-Apr-19

Appendix D

Generic Assessment Criteria

Summary of Category 4 Screening Levels: 2015

Substance	Residential (with home- grown produce)	Residential (without home- grown produce)	Allotments	Commercial	Public Open Space 1	Public Open Space 2
Arsenic	37 mg/kg	40 mg/kg	49 mg/kg	640 mg/kg	79 mg/kg	170 mg/kg
Benzene	0.87 mg/kg	3.3 mg/kg	0.18 mg/kg	98 mg/kg	140 mg/kg	230 mg/kg
Benzo(a)pyrene	5.0 mg/kg	5.3 mg/kg	5.7 mg/kg	77 mg/kg	10 mg/kg	21 mg/kg
Cadmium	22 mg/kg	150 mg/kg	3.9 mg/kg	410 mg/kg	220 mg/kg	880 mg/kg
Chromium VI	21 mg/kg	21 mg/kg	170 mg/kg	49 mg/kg	21 mg/kg	250 mg/kg
Lead	200 mg/kg	310 mg/kg	80 mg/kg	2300 mg/kg	630 mg/kg	1300 mg/kg

Summary Table for the Generic Assessment Criteria for Human Health Risk Assessment Land Quality Management (LQM) S4ULs.

All GAC are based on sandy loam soils with a pH 7.

		LQM Generic Assessment Criteria (mg/kg) Dry weight soil						
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Metals	Inorganic Arsenic	6%	37	40	43	640	79	170
	Beryllium	6%	1.7	1.7	35	12	2.2	63
	Boron	6%	290	11,000	45	240,000	21,000	46,000
	Cadmium	6%	11	85	1.9	190	120	532
	Chromium (III)	6%	910	910	18,000	8,600	1,500	33,000
	Chromium (VI)	6%	6.0	6.0	1.8	33	7.7	220
	Copper	6%	2,400	7,100	520	68,000	12,000	44,000
	Elemental Mercury	6%	1.2	1.2	21	58 (25.8) ^{vap}	16	30 (25.8) ^{vap}
	Inorganic Mercury	6%	40	56	19	1,100	120	240
	Methylmercury	6%	11	15	6.0	320	40	68
	Nickel	6%	180	180	230	980	230	3,400
	Selenium	6%	250	430	88	12,000	1,100	1,800
	Vanadium	6%	410	1,200	91	9,000	2,000	5,000
	Zinc	6%	3,700	40,000	620	730,000	81,000	170,000
BTEX Compounds	Benzene	1%	0.087	0.38	0.017	27	72	90
		2.5%	0.17	0.70	0.034	47	72	100
		6%	0.37	1.4	0.075	90	73	110
	Toluene	1%	130	880 (869) ^{vap}	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
		2.5%	290	1,900	51	110,000 (1,920) ^{vap}	56,000	95,000 (1,920) ^{vap}
		6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
	Ethylbenzene	1%	47	83	16	5,700 (518) ^{vap}	24,000	17,000 (518) ^{vap}
		2.5%	110	190	39	13,000 (1,220) ^{vap}	24,000	22,000 (1,220) ^{vap}
		6%	260	440	91	27,000 (2,840) ^{vap}	25,000	27,000 (2,840) ^{vap}
	o-xylene	1%	60	88	28	6,600 (478) ^{sol}	41,000	17,000 (478) ^{sol}
		2.5%	140	210	67	15,000 (1,120) ^{sol}	42,000	24,000 (1,120) ^{sol}
		6%	330	480	160	33,000 (2,620) ^{sol}	43,000	33,000 (2,620) ^{sol}
	m-xylene	1%	59	82	31	6,200 (625) ^{vap}	41,000	17,000 (625) ^{vap}
		2.5%	140	190	74	14,000 (1,470) ^{vap}	42,000	24,000 (1,470) ^{vap}
		6%	320	450	170	31,000 (3,460) ^{vap}	43,000	32,000 (3,460) ^{vap}
	p-xylene	1%	56	79	29	5,900 (576) ^{sol}	41,000	17,000 (576) ^{sol}
		2.5%	130	180	69	14,000 (1,350) ^{sol}	42,000	23,000 (1,350) ^{sol}
		6%	310	430	160	30,000 (3,170) ^{sol}	43,000	31,000 (3,170) ^{sol}

NOTES

^{sol/vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

All GAC are based on sandy loam soils with a pH 7.			LQM Generic Assessment Criteria (mg/kg) Dry weight soil					
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Polycyclic Aromatic Hydrocarbons (PAHs)	Acenaphthene	1%	210	3,000 (57.1) ^{sol}	34	84,000 (57.0) ^{sol}	15,000	29,000
		2.5%	510	4,700 (141) ^{sol}	85	97,000 (141) ^{sol}	15,000	30,000
		6%	1,100	6,000 (336) ^{sol}	200	100,000	15,000	30,000
	Acenaphthylene	1%	170	2,900 (86.1) ^{sol}	28	83,000 (86.1) ^{sol}	15,000	29,000
		2.5%	420	4,600 (212) ^{sol}	69	97,000 (212) ^{sol}	15,000	30,000
		6%	920	6,000 (506) ^{sol}	160	100,000	15,000	30,000
	Anthracene	1%	2,400	31,000 (1.17) ^{vap}	380	520,000	74,000	150,000
		2.5%	5,400	35,000	950	540,000	74,000	150,000
		6%	11,000	37,000	2,200	540,000	74,000	150,000
	Benz(a)anthracene	1%	7.2	11	2.9	170	29	49
		2.5%	11	14	6.5	170	29	56
		6%	13	15	13	180	29	62
	Benzo(a)pyrene (only)	1%	2.2	3.2	0.97	35	5.7	11
		2.5%	2.7	3.2	2.0	35	5.7	12
		6%	3.0	3.2	3.5	36	5.7	13
	Benzo(b)fluoranthene	1%	2.6	3.9	0.99	44	7.1	13
		2.5%	3.3	4.0	2.1	44	7.2	15
		6%	3.7	4.0	3.9	45	7.2	16
	Benzo(ghi)perylene	1%	320	360	290	3,900	640	1,400
		2.5%	340	360	470	4,000	640	1,500
		6%	350	360	640	4,000	640	1,600
	Benzo(k)fluoranthene	1%	77	110	37	1,200	190	370
		2.5%	93	110	75	1,200	190	410
		6%	100	110	130	1,200	190	440
	Chrysene	1%	15	30	4.1	350	57	93
		2.5%	22	31	9.4	350	57	110
		6%	27	32	19	350	57	120
	Dibenzo(ah)anthracene	1%	0.24	0.31	0.14	3.5	0.57	1.1
		2.5%	0.28	0.32	0.27	3.6	0.58	1.3
		6%	0.3	0.32	0.43	3.6	0.58	1.4
	Fluoranthene	1%	280	1,500	52	23,000	3,100	6,300
		2.5%	560	1,600	130	23,000	3,100	6,300
		6%	890	1,600	290	23,000	3,100	6,400
	Fluorene	1%	170	2,800 (36.0) ^{sol}	27	63,000 (30.9) ^{sol}	9,900	20,000
		2.5%	400	3,800 (76.5) ^{sol}	67	68,000	9,900	20,000
		6%	860	4,500 (183) ^{sol}	160	71,000	9,900	20,000
	Indeno(123-cd)pyrene	1%	27	45	9.5	500	82	150
		2.5%	36	46	21	510	82	170
		6%	41	46	39	510	82	180
	Naphthalene	1%	2.3 ^f	2.3 ^f	4.1 ^f	190 ^f (76.4) ^{sol}	4,900 ^f	1,200 ^f (76.4) ^{sol}
		2.5%	5.6 ^f	5.6 ^f	10 ^f	460 ^f (183) ^{sol}	4,900 ^f	1,900 ^f (183) ^{sol}
		6%	13 ^f	13 ^f	24 ^f	1,100 ^f (432) ^{sol}	4,900 ^f	3,000
	Phenanthrene	1%	95	1,300 (36.0) ^{sol}	15	22,000	3,100	6,200
		2.5%	220	1,500	38	22,000	3,100	6,200
		6%	440	1,500	90	22,000	3,100	6,300
	Pyrene	1%	620	3,700	110	54,000	7,400	15,000
		2.5%	1,200	3,800	270	54,000	7,400	15,000
		6%	2,000	3,800	620	54,000	7,400	15,000
Coal Tar (B(a)P as surrogate marker)	1%	0.79	1.2	0.32	15	2.2	4.4	
	2.5%	0.98	1.2	0.67	15	2.2	4.7	
	6%	1.1	1.2	1.2	15	2.2	4.8	

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^f = naphthalene is based on comparison of inhalation exposure with TDI_{Inhal} for localised effect.

All GAC are based on sandy loam soils with a pH 7.

LQM Generic Assessment Criteria (mg/kg) Dry weight soil

Contaminant	SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Aliphatic							
EC 5-6	1%	42	42	730	3,200 (304) ^{sol}	570,000(304) ^{sol}	95,000 (304) ^{sol}
EC>6-8	1%	100	100	2,300	7,800 (144) ^{sol}	600,000	150,000 (144) ^{sol}
EC>8-10	1%	27	27	320	2,000 (78) ^{sol}	13,000	14,000 (78) ^{vap}
EC>10-12	1%	130 (48) ^{vap}	130 (48) ^{vap}	2,200	9,700 (48) ^{sol}	13,000	21,000 (48) ^{vap}
EC>12-16	1%	1,100 (24) ^{sol}	1,100 (24) ^{sol}	11,000	59,000 (24) ^{sol}	13,000	25,000 (24) ^{sol}
EC>16-35	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
EC>35-44	1%	65,000 (8.48) ^{f, sol}	65,000 (8.48) ^{f, sol}	260,000 ^f	160,000 ^f	250,000 ^f	450,000 ^f
Aliphatic							
EC 5-6	2.5%	78	78	1,700	5,900 (558) ^{sol}	590,000	130,000 (558) ^{sol}
EC>6-8	2.5%	230	230	5,600	17,000 (322) ^{sol}	610,000	220,000 (322) ^{sol}
EC>8-10	2.5%	65	65	770	4,800 (190) ^{vap}	13,000	18,000 (190) ^{vap}
EC>10-12	2.5%	330 (118) ^{vap}	330 (118) ^{vap}	4,400	23,000 (118) ^{vap}	13,000	23,000 (118) ^{vap}
EC>12-16	2.5%	2,400 (59) ^{sol}	2,400 (59) ^{sol}	13,000	82,000 (59) ^{sol}	13,000	25,000 (59) ^{sol}
EC>16-35	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
EC>35-44	2.5%	92,000 (21) ^{f, sol}	92,000 (21) ^{f, sol}	270,000 ^f	1,700,000 ^f	250,000 ^f	480,000 ^f
Aliphatic							
EC 5-6	6%	160	160	3,900	12,000 (1,150) ^{sol}	600,000	180,000 (1,150) ^{sol}
EC>6-8	6%	530	530	13,000	40,000 (736) ^{sol}	620,000	320,000 (736) ^{sol}
EC>8-10	6%	150	150	1,700	11,000 (451) ^{vap}	13,000	21,000 (451) ^{vap}
EC>10-12	6%	760 (283) ^{vap}	760 (283) ^{vap}	7,300	47,000 (283) ^{vap}	13,000	24,000 (283) ^{vap}
EC>12-16	6%	4,300 (142) ^{sol}	4,400 (142) ^{sol}	13,000	90,000 (142) ^{sol}	13,000	26,000 (142) ^{sol}
EC>16-35	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
EC>35-44	6%	110,000 ^f	110,000 ^f	270,000 ^f	1,800,000 ^f	250,000 ^f	490,000 ^f
Aromatic							
EC5-7(benzene as non-threshold)	1%	70	370	13	26,000 (1,220) ^{sol}	56,000	76,000 (1,220) ^{sol}
EC>7-8(toluene)	1%	130	860	22	56,000 (869) ^{vap}	56,000	87,000 (869) ^{vap}
EC>8-10	1%	34	47	8.6	3,500 (613) ^{vap}	5,000	7,200 (613) ^{vap}
EC>10-12	1%	74	250	13	16,000 (364) ^{sol}	5,000	9,200 (364) ^{sol}
EC>12-16	1%	140	1,800	23	36,000 (169) ^{sol}	5,100	10,000
EC>16-21	1%	260 ^f	1,900 ^f	46 ^f	28,000 ^f	3,800 ^f	7,600 ^f
EC>21-35	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	1%	1,100 ^f	1,900 ^f	370 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	2.5%	140	690	27	46,000 (2,260) ^{sol}	56,000	84,000 (2,260) ^{sol}
EC>7-8(toluene)	2.5%	290	1,800	51	110,000 (1,920) ^{sol}	56,000	95,000 (1,920) ^{sol}
EC>8-10	2.5%	83	110	21	8,100 (1,500) ^{vap}	5,000	8,500 (1,500) ^{vap}
EC>10-12	2.5%	180	590	31	28,000 (899) ^{sol}	5,000	9,700 (899) ^{sol}
EC>12-16	2.5%	330	2,300 (419) ^{sol}	57	37,000	5,100	10,000
EC>16-21	2.5%	540 ^f	1,900 ^f	110 ^f	28,000 ^f	3,800 ^f	7,700 ^f
EC>21-35	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>35-44	2.5%	1,500 ^f	1,900 ^f	820 ^f	28,000 ^f	3,800 ^f	7,800 ^f
Aromatic							
EC5-7(benzene as non-threshold)	6%	300	1,400	57	86,000 (4,710) ^{sol}	56,000	92,000 (4,710) ^{sol}
EC>7-8(toluene)	6%	660	3,900	120	180,000 (4,360) ^{vap}	56,000	100,000 (4,360) ^{vap}
EC>8-10	6%	190	270	51	17,000 (3,580) ^{vap}	5,000	9,300 (3,580) ^{vap}
EC>10-12	6%	380	1,200	4	34,000 (2,150) ^{sol}	5,000	10,000
EC>12-16	6%	660	2,500	130	38,000	5,100	10,000
EC>16-21	6%	930 ^f	1,900 ^f	260 ^f	28,000 ^f	3,800 ^f	7,800 ^f
EC>21-35	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
EC>35-44	6%	1,700 ^f	1,900 ^f	1,600 ^f	28,000 ^f	3,800 ^f	7,900 ^f
Aliphatic	1%	1,600 ^f	1,900 ^f	1,200 ^f	28,000 ^f	3,800 ^f	7,800 ^f
+Aromatic	2.5%	1,800 ^f	1,900 ^f	2,100 ^f	28,000 ^f	3,800 ^f	7,800 ^f
>EC44	6%	1,900 ^f	1,900 ^f	3,000 ^f	28,000 ^f	3,800 ^f	7,900 ^f

NOTES

^{sol}/^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^f = oral, dermal and inhalation exposures compared to oral HCV.

All GAC are based on sandy loam soils with a pH 7.

		LQM Generic Assessment Criteria (mg/kg) Dry weight soil						
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Chloalkanes and Alkenes & Explosives	1,2 Dichloroethane (DCA)	1%	7.1E-03	9.2E-03	4.6E-03	0.67	29	21
		2.5%	1.1E-02	1.3E-02	8.3E-03	0.97	29	24
		6%	1.9E-02	2.3E-02	1.6E-02	1.7	29	28
	1,1,1 Trichloroethane (TCA)	1%	8.8	9.0	48	660	140,000	57,000 (1,425) ^{vap}
		2.5%	18	18	110	1,300	140,000	76,000 (2,915) ^{vap}
		6%	39	40	240	3,000	140,000	100,000 (6,392) ^{vap}
	1,1,2,2-Tetrachloroethanes (PCA)	1%	1.6	3.9	0.41	270	1,400	1,800
		2.5%	3.4	8.0	0.89	550	1,400	2,100
		6%	7.5	17	2.0	1,100	1,400	2,300
	1,1,1,2-Tetrachloroethanes (PCA)	1%	1.2	1.5	0.79	110	1,400	1,500
		2.5%	2.8	3.5	1.9	250	1,400	1,800
		6%	6.4	8.2	4.4	560	1,400	2,100
	Tetrachloroethene (PCE)	1%	0.18	0.18	0.65	19	1,400	810 (424) ^{sol}
		2.5%	0.39	0.40	1.5	42	1,400	1,100 (951) ^{sol}
		6%	0.90	0.92	3.6	95	1,400	1,500
	Tetrachloromethane (carbon tetrachloride)	1%	2.6E-02	2.6E-02	0.45	2.9	890	190
		2.5%	5.6E-02	5.6E-02	1.0	6.3	920	270
		6%	0.13	0.13	2.4	14	950	400
	Trichloroethene (TCE)	1%	1.6E-02	1.7E-02	4.1E-02	1.2	120	70
		2.5%	3.4E-02	3.6E-02	9.1E-02	2.6	120	91
		6%	7.5E-02	8.0E-02	0.21	5.7	120	120
	Trichloromethane (chloroform)	1%	0.91	1.2	0.42	99	2,500	2,600
		2.5%	1.7	2.1	0.83	170	2,500	2,800
		6%	3.4	4.2	1.7	350	2,500	3,100
	Chloroethene (vinyl chloride)	1%	6.4E-04	7.7E-04	5.5E-04	5.9E-02	3.5	4.8
		2.5%	8.7E-04	1.0E-03	1.0E-03	7.7E-02	3.5	5.0
		6%	1.4E-03	1.5E-03	1.8E-03	0.12	3.5	5.4
	2,4,6-Trinitrotoluene (TNT)	1%	1.6	65	0.24	1,000	130	260
		2.5%	3.7	66	0.58	1,000	130	270
		6%	8.1	66	1.4	1,000	130	270
	RDX	1%	120	13,000	17	210,000	26,000	49,000 (18.7) ^{sol}
		2.5%	250	13,000	38	210,000	26,000	51,000
		6%	540	13,000	85	210,000	27,000	53,000
	HMX	1%	5.7	6,700	0.86	110,000	13,000	23,000 (0.35) ^{vap}
		2.5%	13	6,700	1.9	110,000	13,000	23,000 (0.39) ^{vap}
		6%	26	6,700	3.9	110,000	13,000	24,000 (0.48) ^{vap}
Pesticides	Aldrin	1%	5.7	7.3	3.2	170	18	30
		2.5%	6.6	7.4	6.1	170	18	31
		6%	7.1	7.5	9.8	170	18	31
	Dieldrin	1%	0.97	7.0	0.17	170	18	30
		2.5%	2.0	7.3	0.41	170	18	30
		6%	3.5	7.4	0.96	170	18	31
	Atrazine	1%	3.3	610	0.5	9,300	1,200	2,300
		2.5%	7.8	620	1.2	9,400	1,200	2,400
		6%	17.4	620	2.7	9,400	1,200	2,400
	Dichlorvos	1%	3.2E-02	6.4	4.9E-03	140	16	26
		2.5%	6.6E-02	6.5	1.0E-02	140	16	26
		6%	0.14	6.6	2.2E-02	140	16	27
	Endosulfans (2 isomers)	1%	7.4	160 (3.0E-03) ^{vap}	1.2	5,600 (3.0E-03) ^{vap}	1,200	2,300
		2.5%	18	280 (7.0E-03) ^{vap}	2.9	7,400 (7.0E-03) ^{vap}	1,200	2,400
		6%	41	410 (1.6E-02) ^{vap}	6.8	8,400 (1.6E-02) ^{vap}	1,200	2,500
	Hexachlorocyclohexane (3 isomers), inc Lindane	1%	8.5E-02	3.7	1.3E-02	65	8.1	15
		2.5%	0.2	3.8	3.2E-02	65	8.1	15
		6%	0.46	3.8	7.7E-02	65	8.1	16

NOTES

^{sol} / ^{vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

All GAC are based on
sandy loam soils with a pH
7.

All GAC are based on sandy loam soils with a pH 7.			LQM Generic Assessment Criteria (mg/kg) Dry weight soil					
Contaminant		SOM	Res +	Res -	Allot.	Comm.	POS _{resi}	POS _{park}
Chlorobenzenes	Chlorobenzene	1%	0.46	0.46	5.9	56	11,000	1,300 (675) ^{sol}
		2.5%	1.0	1.0	14	130	13,000	2,000 (1,520) ^{sol}
		6%	2.4	2.4	32	290	14,000	2,900
	Dichlorobenzenes (3 isomers)	1%	23	24	94	2,000 (571) ^{sol}	90,000	24,000 (571) ^{sol}
		2.5%	55	57	230	4,800 (1,370) ^{sol}	95,000	36,000 (1,370) ^{sol}
		6%	130	130	540	11,000 (3,240) ^{sol}	98,000	51,000 (3,270) ^{sol}
	Trichlorobenzenes (3 isomers)	1%	2.6	2.6	55	220	15,000	1,700 (318) ^{vap}
		2.5%	6.4	6.4	140	530	17,000	2,600 (786) ^{vap}
		6%	15	15	320	1,300	19,000	4,000 (1,880) ^{vap}
	Tetrachlorobenzenes (3 isomers)	1%	0.66	0.75	0.38	49 (39.4) ^{vap}	78	110 (39) ^{vap}
		2.5%	1.6	1.9	0.90	120 (98.1) ^{vap}	79	120
		6%	3.7	4.3	2.2	240 (235) ^{vap}	79	130
	Pentachlorobenzene	1%	5.8	19	1.2	640 (43.0) ^{sol}	100	190
		2.5%	12	30	3.1	770 (107) ^{sol}	100	190
		6%	22	38	7.0	830	100	190
	Hexachlorobenzene	1%	1.8 (0.20) ^{vap}	4.1 (0.20) ^{vap}	0.47	110 (0.20) ^{vap}	16	30
		2.5%	3.3 (0.50) ^{vap}	5.7 (0.50) ^{vap}	1.1	120	16	30
		6%	4.9	6.7 (1.2) ^{vap}	2.5	120	16	30
Chlorophenol	Chlorophenols (4 congeners)	1%	0.87 ^g	94	0.13 ^g	3,500	620	1,100
		2.5%	2.0	150	0.30	4,000	620	1,100
		6%	4.5	210	0.70	4,300	620	1,100
	Pentachlorophenol	1%	0.22	27 (16.4) ^{vap}	3.0E-02	400	60	110
		2.5%	0.52	29	8.0E-02	400	60	120
		6%	1.2	31	0.19	400	60	120
Others	Carbon Disulphide	1%	0.14	0.14	4.8	11	11,000	1,300
		2.5%	0.29	0.29	10	22	11,000	1,900
		6%	0.62	0.62	23	47	11,000	2,700
	Hexachlorobutadiene	1%	0.29	0.32	0.25	31	25	48
		2.5%	0.7	0.78	0.61	66	25	50
		6%	1.6	1.8	1.4	120	25	51
	Phenol	1%	280	750	66	760 ^{dir} (31,000)	760 ^{dir} (11,000)	760 ^{dir} (8,600)
		2.5%	550	1,300	140	1,500 ^{dir} (35,000)	1,500 ^{dir} (11,000)	1,500 ^{dir} (9,700)
		6%	1,100	2,300	280	3,200 ^{dir} (37,000)	3,200 ^{dir} (11,000)	3,200 ^{dir} (11,000)

NOTES

^{sol / vap} = solubility / vapour limit (potentially use if free product identified, although highly conservative).

^{dir} = S4uls based on threshold protective of direct skin contact with phenol (brackets long term exposure for illustration purposes).

^g = derived based on 2,3,4,6-tetrachlorophenol.

Table 4.2a: EIC/AGS/CL:AIRE GAC for organics with 1% SOM

Contaminant	GAC for 1% SOM (mg.kg ⁻¹)				Soil Saturation Concentration (mg.kg ⁻¹)
	Residential with consumption of homegrown produce	Residential without consumption of homegrown produce	Allotments	Commercial	
1,1,2 Trichloroethane	0.6	0.88	0.28	94	4030
1,1-Dichloroethane	2.4	2.5	9.2	280	1830
1,1-Dichloroethene	0.23	0.23	2.8	26	2230
1,2,4-Trimethylbenzene	0.35	0.41	0.38	42	557
1,2-Dichloropropane	0.024	0.024	0.62	3.3	1190
2,4-Dimethylphenol	19	210	3.1	16000	1380
2,4-Dinitrotoluene	1.5	170	0.22	3700	141
2,6-Dinitrotoluene	0.78	78	0.12	1900	287
2-Chloronaphthalene	3.7	3.8	40	390	114
Biphenyl	66	220	14	18000	34.4
Bis (2-ethylhexyl) phthalate	280	2700	47	85000	8.68
Bromobenzene	0.87	0.91	3.2	97	853
Bromodichloromethane	0.016	0.019	0.016	2.1	1790
Bromoform	2.8	5.2	0.95	760	2690
Butyl benzyl phthalate	1400	42000	220	940000	26.3
Chloroethane	8.3	8.4	110	960	2610
Chloromethane	0.0083	0.0085	0.066	1.0	1910
<i>Cis</i> 1,2 Dichloroethene	0.11	0.12	0.26	14	3940
Dichloromethane	0.58	2.1	0.10	270	7270
Diethyl Phthalate	120	1800	19	150000	13.7
Di- <i>n</i> -butyl phthalate	13	450	2.0	15000	4.65
Di- <i>n</i> -octyl phthalate	2300	3400	940	89000	32.6
Hexachloroethane	0.20	0.22	0.27	22	8.17
Isopropylbenzene	11	12	32	1400	390
Methyl <i>tert</i> -butyl ether	49	73	23	7900	20400
Propylbenzene	34	40	34	4100	402
Styrene	8.1	35	1.6	3300	626
Total Cresols (2-, 3- and 4-methylphenol)	80	3700	12	160000	15000
<i>Trans</i> 1,2 Dichloroethene	0.19	0.19	0.93	22	3420
Tributyl tin oxide	0.25	1.4	0.042	130	41.3

Notes

It is strongly recommended that the accompanying EIC/AGS/CL:AIRE GAC report is read and understood if using these GAC

GAC in highlighted boxes exceed soil saturation concentration. Soil concentrations above soil saturation may indicate that NAPL is present. Risks from NAPL may need to be considered separately.

Table 4.3a: EIC/AGS/CL:AIRE GAC for organics with 2.5% SOM

Contaminant	GAC for 2.5% SOM (mg.kg ⁻¹)				Soil Saturation Concentration (mg.kg ⁻¹)
	Residential with consumption of homegrown produce	Residential without consumption of homegrown produce	Allotments	Commercial	
1,1,2 Trichloroethane	1.2	1.8	0.61	190	8210
1,1-Dichloroethane	3.9	4.1	17	450	2960
1,1-Dichloroethene	0.40	0.41	5.6	46	3940
1,2,4-Trimethylbenzene	0.85	0.99	0.93	99	1360
1,2-Dichloropropane	0.042	0.042	1.2	5.9	2110
2,4-Dimethylphenol	43	410	7.2	24000	3140
2,4-Dinitrotoluene	3.2	170	0.49	3700	299
2,6-Dinitrotoluene	1.7	84	0.27	1900	622
2-Chloronaphthalene	9.2	9.3	98	960	280
Biphenyl	160	500	35	33000	84.3
Bis (2-ethylhexyl) phthalate	610	2800	120	86000	21.6
Bromobenzene	2.0	2.1	7.6	220	1970
Bromodichloromethane	0.030	0.034	0.032	3.7	3220
Bromoform	5.9	11	2.1	1500	5480
Butyl benzyl phthalate	3300	44000	550	940000	64.7
Chloroethane	11	11	200	1300	3540
Chloromethane	0.0098	0.0099	0.13	1.2	2240
<i>Cis</i> 1,2 Dichloroethene	0.19	0.20	0.50	24	6610
Dichloromethane	0.98	2.8	0.19	360	9680
Diethyl Phthalate	260	3500	41	220000	29.1
Di- <i>n</i> -butyl phthalate	31	450	5.0	15000	11.4
Di- <i>n</i> -octyl phthalate	2800	3400	2100	89000	81.5
Hexachloroethane	0.48	0.54	0.67	53	20.1
Isopropylbenzene	27	28	79	3300	950
Methyl <i>tert</i> -butyl ether	84	120	44	13000	33100
Propylbenzene	82	97	83	9700	981
Styrene	19	78	3.7	6500	1440
Total Cresols (2-, 3- and 4-methylphenol)	180	5400	27	180000	32500
<i>Trans</i> 1,2 Dichloroethene	0.34	0.35	1.9	40	6170
Tributyl tin oxide	0.59	3.1	0.10	180	101

Notes

It is strongly recommended that the accompanying EIC/AGS/CL:AIRE GAC report is read and understood if using these GAC.

GAC in highlighted boxes exceed soil saturation concentration. Soil concentrations above soil saturation may indicate that NAPL is present. Risks from NAPL may need to be considered separately.

Table 4.4a: EIC/AGS/CL:AIRE GAC for organics with 6% SOM

Contaminant	GAC for 6% SOM (mg.kg ⁻¹)				Soil Saturation Concentration (mg.kg ⁻¹)
	Residential with consumption of homegrown produce	Residential without consumption of homegrown produce	Allotments	Commercial	
1,1,2 Trichloroethane	2.7	3.9	1.4	400	18000
1,1-Dichloroethane	7.4	7.7	35	850	5600
1,1-Dichloroethene	0.82	0.82	12	92	7940
1,2,4-Trimethylbenzene	2.0	2.3	2.2	220	3250
1,2-Dichloropropane	0.084	0.085	2.6	12	4240
2,4-Dimethylphenol	97	730	17	30000	7240
2,4-Dinitrotoluene	7.2	170	1.1	3800	669
2,6-Dinitrotoluene	3.9	87	0.61	1900	1400
2-Chloronaphthalene	22	22	230	2200	669
Biphenyl	360	980	83	48000	201
Bis (2-ethylhexyl) phthalate	1100	2800	280	86000	51.7
Bromobenzene	4.7	4.9	18	520	4580
Bromodichloromethane	0.061	0.070	0.068	7.6	6570
Bromoform	13	23	4.6	3100	12000
Butyl benzyl phthalate	7200	44000	1300	950000	154
Chloroethane	18	18	380	2100	5710
Chloromethane	0.013	0.013	0.23	1.6	2990
Cis 1,2 Dichloroethene	0.37	0.39	1.0	47	12900
Dichloromethane	1.7	4.5	0.34	560	15300
Diethyl Phthalate	570	6300	94	290000	65
Di-n-butyl phthalate	67	450	12	15000	27.3
Di-n-octyl phthalate	3100	3400	3900	89000	196
Hexachloroethane	1.1	1.3	1.6	120	48.1
Isopropylbenzene	64	67	190	7700	2250
Methyl <i>tert</i> -butyl ether	160	220	90	24000	62700
Propylbenzene	190	230	200	21000	2330
Styrene	43	170	8.7	11000	3350
Total Cresols (2-, 3- and 4-methylphenol)	400	6900	63	180000	73300
<i>Trans</i> 1,2 Dichloroethene	0.70	0.71	4.0	81	12600
Tributyl tin oxide	1.3	5.7	0.24	200	241

Notes

It is strongly recommended that the accompanying EIC/AGS/CL:AIRE GAC report is read and understood if using these GAC.

GAC in highlighted boxes exceed soil saturation concentration. Soil concentrations above soil saturation may indicate that NAPL is present. Risks from NAPL may need to be considered separately.

Appendix E

M-BAT Model

INPUT DATA										RESULTS (Copper)					RESULTS (Zinc)					RESULTS (Mn)					RESULTS (Ni)				
ID	Location	Waterbody	Date	Measured Cu Concentration (dissolved) (µg/l)	Measured Zn Concentration (dissolved) (µg/l)	Measured Mn Concentration (dissolved) (µg/l)	Measured Ni Concentration (dissolved) (µg/l)	pH	DOC	Cu	Site-specific PNEC Dissolved Copper (µg/l)	BioF	Bioavailable Copper Concentration (µg/l)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Zinc (µg/l)	BioF	Bioavailable Zinc Concentration (µg/l)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Manganese (µg/l)	BioF	Bioavailable Manganese Concentration (µg/l)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Nickel (µg/l)	BioF	Bioavailable Nickel Concentration (µg/l)	Risk Characterisation Ratio			
1	TP101		09/04/2019	10.00	22.00		3.00	8.20	31.00	1600.00	1.00	1.00	1.00	16.00	85.74	0.13	2.80	0.20	140.07	0.83			23.98	0.17	0.50	0.13			
2	TP101		09/04/2019	1.90	7.00		2.40	8.50	24	410	1.00	1.00	1.00	1.00	85.74	0.13	0.88	0.08	123.00	1.00			15.18	0.26	0.63	0.16			
3	TP102		09/04/2019	1.00	3.70		1.00	8.20	20.00	170.00	1.00	1.00	1.00	1.00	85.74	0.13	0.47	0.04	149.07	0.83			23.98	0.17	0.17	0.04			
4	TP103		09/04/2019	2.50	35.00		7.00	7.70	68.00	1700.00	42.00	0.02	0.06	0.06	75.35	0.14	5.98	0.40	302.43	0.31			34.95	0.11	0.80	0.02			
5	TP103		09/04/2019	3.90	24.00		3.90	8.00	47.00	1600.00	11.55	0.09	0.25	0.25	85.74	0.13	3.65	0.28	219.55	0.56			28.90	0.14	0.54	0.13			
6	TP105		09/04/2019	7.80	22.00		2.40	8.00	38.00	1300.00	11.55	0.09	0.68	0.68	85.74	0.13	2.80	0.26	219.55	0.56			28.90	0.14	0.35	0.08			
7	TP106		09/04/2019	42.00	1.00		1.00	8.3	19	84	1.70	1.70	1.70	1.70	84.90	0.13	0.13	0.01	123.00	1.00			60.43	0.21	0.21	0.02			
8	TP107		09/04/2019	1.00	1.00		1.00	7.70	24.00	81.00	43.29	0.02	0.02	0.02	79.77	0.14	0.14	0.01	392.43	0.31			33.09	0.12	0.12	0.03			
9	TP108		09/04/2019	16.00	23.00		4.10	8.50	34.00	1600.00	1.00	1.00	16.00	16.00	85.74	0.13	2.90	0.27	123.00	1.00			15.18	0.26	1.08	0.27			
10	TP108		09/04/2019	1.00	1.00		1.00	7.10	24.00	110.00	56.99	0.02	0.02	0.02	57.68	0.19	0.19	0.02	1253.75	0.10			42.42	0.09	0.09	0.02			
11	TP109		09/04/2019	1.00	1.00		1.00	7.3	15	35.00	60.51	0.02	0.02	0.02	60.32	0.18	0.18	0.02	489.16	0.21			38.24	0.14	0.14	0.04			
12	TP111		09/04/2019	18.00	18.00		5.40	9.20	40.00	1900.00	1.00	1.00	18.00	18.00	85.74	0.13	2.29	0.21	123.00	1.00			4.40	1.00	1.00	1.11			
13	TP112		09/04/2019	1.00	25.00		4.00	8	20	1500	11.55	0.09	0.09	0.09	85.74	0.13	3.18	0.29	219.55	0.56			28.90	0.14	0.55	0.14			
14	TP114		10/04/2019	2.10	35.00		6.90	7.90	40.00	1700.00	22.33	0.04	0.09	0.09	82.28	0.13	4.64	0.43	266.45	0.46			31.09	0.13	0.89	0.22			
15	TP115		10/04/2019	4.90	18.00		2.00	7.90	29.00	1200.00	22.33	0.04	0.22	0.22	82.28	0.13	2.38	0.22	266.45	0.46			31.09	0.13	0.26	0.06			
16	TP117		10/04/2019	7.30	28.00		3.10	7.90	35.00	1800.00	22.33	0.04	0.33	0.33	82.28	0.13	3.71	0.34	266.45	0.46			31.09	0.13	0.40	0.10			
17	TP118		10/04/2019	15.00	10.00		2.20	10.2	31	920	1.00	1.00	15.00	16.00	85.74	0.13	1.27	0.12	123.00	1.00			4.00	1.00	2.20	0.55			

Appendix F

Haz Waste Online Output Sheets

Waste Classification Report



9NAVD-EASD9-J2DDR

Job name

Blackley Mere 2 Contamination

Description/Comments

Project

LKC 19 1139

Site

Blackley Mere 2

Related Documents

#	Name	Description
1	HWOL-19-12681-20190423 180828.hwol	.hwol file used to create the Job

Waste Stream Template

Example waste stream template for contaminated soils

Classified by

Name:
Colin Crompton
Date:
08 May 2019 08:49 GMT
Telephone:
0161 763 7200

Company:
LK Group
Unit 29, Eton Business Park
Eton Hill Rd, Radcliffe
Manchester
M26 2ZS

Report

Created by: Colin Crompton
Created date: 08 May 2019 08:49 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	TP101-810029-09/04/2019-0.00	0.00-0.80	Non Hazardous		3
2	TP101-810030-09/04/2019-0.80	0.80-1.40	Non Hazardous		6
3	TP102-810031-09/04/2019-0.00	0.00-1.00	Non Hazardous		12
4	TP102-810032-09/04/2019-1.00	1.00-1.80	Non Hazardous		15
5	TP103-810033-09/04/2019-0.10	0.10-1.20	Non Hazardous		18
6	TP103-810034-09/04/2019-1.20	1.20-2.30	Non Hazardous		21
7	TP104-810035-09/04/2019-0.00	0.00-2.40	Non Hazardous		24
8	TP105-810036-09/04/2019-0.00	0.00-0.50	Non Hazardous		27
9	TP105-810037-09/04/2019-0.50	0.50-2.10	Non Hazardous		30
10	TP106-810038-09/04/2019-0.00	0.00-0.80	Non Hazardous		33
11	TP106-810039-09/04/2019-0.80	0.80-2.20	Non Hazardous		36

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
12	TP107-810040-09/04/2019-0.00	0.00-0.60	Non Hazardous		42
13	TP107-810041-09/04/2019-0.60	0.60-2.20	Non Hazardous		45
14	TP108-810042-09/04/2019-0.00	0.00-0.70	Non Hazardous		48
15	TP108-810043-09/04/2019-0.70	0.70-1.80	Non Hazardous		51
16	TP109-810044-09/04/2019-0.00	0.00-0.90	Non Hazardous		54
17	TP109-810045-09/04/2019-0.90	0.90-1.50	Non Hazardous		57
18	TP110-810046-09/04/2019-0.00	0.00-2.00	Non Hazardous		63
19	TP111-810047-09/04/2019-0.00	0.00-2.00	Non Hazardous		66
20	TP112-810048-09/04/2019-0.00	0.00-1.60	Non Hazardous		69
21	TP113-810049-10/04/2019-0.00	0.00-2.20	Non Hazardous		75
22	TP114-810050-10/04/2019-0.10	0.10-1.70	Non Hazardous		78
23	TP115-810051-10/04/2019-0.00	0.00-1.90	Non Hazardous		81
24	TP116-810052-10/04/2019-0.00	0.00-2.40	Non Hazardous		84
25	TP117-810053-10/04/2019-0.20	0.20-2.40	Hazardous	HP 7	87
26	TP118-810054-10/04/2019-0.10	0.10-1.80	Hazardous	HP 3(i), HP 5, HP 7, HP 11	90
27	TP119-810055-10/04/2019-0.00	0.00-2.30	Non Hazardous		96

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	99
Appendix B: Rationale for selection of metal species	103
Appendix C: Version	104

Classification of sample: TP101-810029-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:	
TP101-810029-09/04/2019-0.00	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)
0.00-0.80 m		
Moisture content:		
16%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				58 mg/kg	1.32	64.326 mg/kg	0.00643 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				1.3 mg/kg	3.22	3.516 mg/kg	0.000352 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				0.5 mg/kg	1.142	0.48 mg/kg	0.000048 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				25 mg/kg	1.462	30.693 mg/kg	0.00307 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				37 mg/kg	1.126	34.993 mg/kg	0.0035 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	86 mg/kg	1.56	112.681 mg/kg	0.00722 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				0.42 mg/kg	1.353	0.478 mg/kg	0.0000478 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				24 mg/kg	2.976	60.001 mg/kg	0.006 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
11	zinc { zinc chromate }				110 mg/kg	2.774	256.331 mg/kg	0.0256 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				150 mg/kg		126 mg/kg	0.0126 %	✓	
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				9.7 pH		9.7 pH	9.7 pH			
20	naphthalene				0.25 mg/kg		0.21 mg/kg	0.000021 %		✓	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
22	acenaphthene				0.34 mg/kg		0.286 mg/kg	0.0000286 %		✓	
		201-469-6	83-32-9								
23	fluorene				0.17 mg/kg		0.143 mg/kg	0.0000143 %		✓	
		201-695-5	86-73-7								
24	phenanthrene				1.8 mg/kg		1.512 mg/kg	0.000151 %		✓	
		201-581-5	85-01-8								
25	anthracene				0.33 mg/kg		0.277 mg/kg	0.0000277 %		✓	
		204-371-1	120-12-7								
26	fluoranthene				3.3 mg/kg		2.772 mg/kg	0.000277 %		✓	
		205-912-4	206-44-0								
27	pyrene				3 mg/kg		2.52 mg/kg	0.000252 %		✓	
		204-927-3	129-00-0								
28	benzo[a]anthracene				0.56 mg/kg		0.47 mg/kg	0.000047 %		✓	
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				0.79 mg/kg		0.664 mg/kg	0.0000664 %		✓	
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				1 mg/kg		0.84 mg/kg	0.000084 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				0.38 mg/kg		0.319 mg/kg	0.0000319 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				0.58 mg/kg		0.487 mg/kg	0.0000487 %		✓	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				0.41 mg/kg		0.344 mg/kg	0.0000344 %		✓	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				0.53 mg/kg		0.445 mg/kg	0.0000445 %		✓	
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				27 mg/kg	1.785	40.488 mg/kg	0.00405 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.0713 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0126%)

Classification of sample: TP101-810030-09/04/2019-0.80

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

Sample details

Sample Name:	LoW Code:
TP101-810030-09/04/2019-0.80	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.80-1.40 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
28%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 28% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				36	mg/kg	1.32	34.223	mg/kg	0.00342 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				2	mg/kg	3.22	4.637	mg/kg	0.000464 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.51	mg/kg	1.142	0.419	mg/kg	0.0000419 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				26	mg/kg	1.462	27.36	mg/kg	0.00274 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				48	mg/kg	1.126	38.911	mg/kg	0.00389 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	170	mg/kg	1.56	190.921	mg/kg	0.0122 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.45	mg/kg	1.353	0.439	mg/kg	0.0000439 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				29	mg/kg	2.976	62.144	mg/kg	0.00621 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.4	mg/kg	2.554	0.735	mg/kg	0.0000735 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				140	mg/kg	2.774	279.634	mg/kg	0.028 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				51	mg/kg		36.72	mg/kg	0.00367 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				9 pH		9 pH	9pH		
			PH							
20	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				1.5 mg/kg		1.08 mg/kg	0.000108 %	✓	
		201-581-5	85-01-8							
25	anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				2.8 mg/kg		2.016 mg/kg	0.000202 %	✓	
		205-912-4	206-44-0							
27	pyrene				2.7 mg/kg		1.944 mg/kg	0.000194 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				1.3 mg/kg		0.936 mg/kg	0.0000936 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				1.4 mg/kg		1.008 mg/kg	0.000101 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				2 mg/kg		1.44 mg/kg	0.000144 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				0.74 mg/kg		0.533 mg/kg	0.0000533 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				1.4 mg/kg		1.008 mg/kg	0.000101 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				0.73 mg/kg		0.526 mg/kg	0.0000526 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				0.92 mg/kg		0.662 mg/kg	0.0000662 %	✓	
		205-883-8	191-24-2							
36	phenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
37	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
38	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
39	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
40	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
41	vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
42	hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	602-065-00-6	204-273-9	118-74-1									
43	vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	34.704	mg/kg	0.00347 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
44	hexachloroethane				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1									
45	nitrosodipropylamine				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7									
46	4-nitrophenol; p-nitrophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7									
47	nitrobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3									
48	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1									
49	2-nitrophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-857-5	98-75-5									
50	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1] 95-87-4									
		202-461-5 [2]	[2] 105-67-9 [3]									
		203-321-6 [3]	526-75-0 [4]									
		208-395-3 [4]	576-26-1 [5]									
		209-400-1 [5]	1300-71-6 [6]									
		215-089-3 [6]	71975-58-1 [7]									
		276-245-4 [7]										
51	bis(2-chloroethoxy)methane				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1									
52	2,4-dichlorophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
53	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9									
54	4-chloroaniline				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8									
55	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7									
56	2-methyl naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6									
57	hexachlorocyclopentadiene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4									
58	2,4,6-trichlorophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	98-06-2									
59	2,4,5-trichlorophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4									
60	2-chloronaphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7									
61	dimethyl phthalate				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3									
62	2,6-dinitrotoluene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2									
63	dibenzofuran				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9									
64	4-chlorophenylphenylether				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3									
65	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]									
		246-836-1 [2]	25321-14-6 [2]									
66	diethyl phthalate				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	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]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
68	DNOC (ISO); 4,6-dinitro-o-cresol 609-020-00-X	208-601-1	534-52-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
69	azobenzene 611-001-00-6	203-102-5	103-33-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
70	4-bromophenylphenylether 202-952-4		101-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
71	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
72	carbazole 201-696-0		86-74-8		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
73	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
74	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
75	BBP; benzyl butyl phthalate 607-430-00-3	201-622-7	85-68-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
76	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9	204-211-0	117-81-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
77	di-n-octyl phthalate 204-214-7		117-84-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
78	bromochloromethane 200-826-3		74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
79	chloroform; trichloromethane 602-006-00-4	200-663-8	67-66-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
80	1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
81	1,1-dichloropropene 602-031-00-0	209-253-3	563-58-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
82	dichlorodifluoromethane 200-893-9		75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
85	bromodichloromethane 200-856-7		75-27-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
86	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	trans-1,3-dichloropropene 431-460-4		10061-02-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropane 205-531-3		142-28-9		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
90	dibromochloromethane 204-704-0		124-48-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	chloromethane; methyl chloride 602-001-00-7	200-817-4	74-87-3		0.0048 mg/kg		0.0034 mg/kg	0.000000346 %	✓	
92	1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
93	chlorobenzene 602-033-00-1	203-628-5	108-90-7		<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								
94	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
95	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
96	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
97	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
98	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
99	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
100	tert-butylbenzene	202-632-4	98-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
101	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
102	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
103	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
104	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
105	4-isopropyltoluene	202-796-7	99-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
106	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
107	n-butylbenzene	203-209-7	104-51-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
108	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
109	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
110	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
111	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
112	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
113	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
114	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
115	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
116	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
117	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	40 mg/kg		28.8 mg/kg	0.00288 %	✓		
118	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3] 612-012-00-9 201-855-4 [1] 88-74-4 [1] 99-09-2 202-729-1 [2] [2] 100-01-6 [3] 202-810-1 [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
120		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3 208-750-2 [1] 540-59-0 [1] 205-859-7 [2] 156-59-2 [2] 205-860-2 [3] 156-60-5 [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
121		cumene; [1] propylbenzene [2] 601-024-00-X 202-704-5 [1] 98-82-8 [1] 203-132-9 [2] 103-65-1 [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
122		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
Total: 0.0708 %											

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00367%)

HP 3(iv): Flammable "flammable gaseous waste: gaseous waste which is flammable in air at 20°C and a standard pressure of 101.3 kPa"

Force this Hazardous property to non hazardous because unlikely to be flammable at <1000mg/kg

Hazard Statements hit:

Flam. Gas 1; H220 "Extremely flammable gas."

Because of determinand:

chloromethane; methyl chloride: (conc.: 3.46e-07%)

Classification of sample: TP102-810031-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:
TP102-810031-09/04/2019-0.00	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19%	
(wet weight correction)	

Hazard properties

None identified

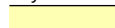
Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				84	mg/kg	1.32	89.835	mg/kg	0.00898 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.5	mg/kg	3.22	3.912	mg/kg	0.000391 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				1.3	mg/kg	1.142	1.203	mg/kg	0.00012 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				84	mg/kg	1.462	99.444	mg/kg	0.00994 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				600	mg/kg	1.126	547.182	mg/kg	0.0547 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	300	mg/kg	1.56	379.035	mg/kg	0.0243 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.58	mg/kg	1.353	0.636	mg/kg	0.0000636 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				48	mg/kg	2.976	115.717	mg/kg	0.0116 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.83	mg/kg	2.554	1.717	mg/kg	0.000172 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				260	mg/kg	2.774	584.235	mg/kg	0.0584 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				91	mg/kg		73.71	mg/kg	0.00737 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				0.6 mg/kg		0.486 mg/kg	0.0000486 %	✓	
		201-581-5	85-01-8							
25	anthracene				0.11 mg/kg		0.0891 mg/kg	0.00000891 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				1.2 mg/kg		0.972 mg/kg	0.0000972 %	✓	
		205-912-4	206-44-0							
27	pyrene				1.3 mg/kg		1.053 mg/kg	0.000105 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				0.26 mg/kg		0.211 mg/kg	0.0000211 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				0.35 mg/kg		0.284 mg/kg	0.0000284 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				0.57 mg/kg		0.462 mg/kg	0.0000462 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				0.11 mg/kg		0.0891 mg/kg	0.00000891 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				0.28 mg/kg		0.227 mg/kg	0.0000227 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				0.2 mg/kg		0.162 mg/kg	0.0000162 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				0.27 mg/kg		0.219 mg/kg	0.0000219 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				54 mg/kg	1.785	78.084 mg/kg	0.00781 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				20 mg/kg		16.2 mg/kg	0.00162 %	✓	
	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							
Total:								0.186 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00737%)

Classification of sample: TP102-810032-09/04/2019-1.00

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

Sample details

Sample Name:	LoW Code:	
TP102-810032-09/04/2019-1.00	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)
1.00-1.80 m		
Moisture content:		
15%		
(wet weight correction)		

Hazard properties

None identified

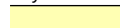
Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				14 mg/kg	1.32	15.712 mg/kg	0.00157 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				0.45 mg/kg	3.22	1.232 mg/kg	0.000123 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				0.32 mg/kg	1.142	0.311 mg/kg	0.0000311 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				31 mg/kg	1.462	38.512 mg/kg	0.00385 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				35 mg/kg	1.126	33.495 mg/kg	0.00335 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	26 mg/kg	1.56	34.472 mg/kg	0.00221 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				40 mg/kg	2.976	101.193 mg/kg	0.0101 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.27 mg/kg	2.554	0.586 mg/kg	0.0000586 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				78 mg/kg	2.774	183.926 mg/kg	0.0184 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				8.3 pH		8.3 pH	8.3 pH			
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				28 mg/kg	1.785	42.487 mg/kg	0.00425 %	✓		
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.0463 %		

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: TP103-810033-09/04/2019-0.10

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

Sample details

Sample Name:	LoW Code:
TP103-810033-09/04/2019-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10-1.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21%	
(wet weight correction)	

Hazard properties

None identified

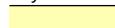
Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				26	mg/kg	1.32	27.119	mg/kg	0.00271 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				3.6	mg/kg	3.22	9.157	mg/kg	0.000916 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.57	mg/kg	1.142	0.514	mg/kg	0.0000514 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				34	mg/kg	1.462	39.257	mg/kg	0.00393 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				54	mg/kg	1.126	48.03	mg/kg	0.0048 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	290	mg/kg	1.56	357.354	mg/kg	0.0229 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.46	mg/kg	1.353	0.492	mg/kg	0.0000492 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				28	mg/kg	2.976	65.835	mg/kg	0.00658 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.49	mg/kg	2.554	0.988	mg/kg	0.0000988 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				240	mg/kg	2.774	525.978	mg/kg	0.0526 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				600	mg/kg		474	mg/kg	0.0474 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8 pH		8 pH	8pH		
			PH							
20	naphthalene				0.26 mg/kg		0.205 mg/kg	0.0000205 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.19 mg/kg		0.15 mg/kg	0.000015 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				0.33 mg/kg		0.261 mg/kg	0.0000261 %	✓	
		201-469-6	83-32-9							
23	fluorene				0.28 mg/kg		0.221 mg/kg	0.0000221 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				2.3 mg/kg		1.817 mg/kg	0.000182 %	✓	
		201-581-5	85-01-8							
25	anthracene				0.82 mg/kg		0.648 mg/kg	0.0000648 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				4.9 mg/kg		3.871 mg/kg	0.000387 %	✓	
		205-912-4	206-44-0							
27	pyrene				5.3 mg/kg		4.187 mg/kg	0.000419 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				1.9 mg/kg		1.501 mg/kg	0.00015 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				2.5 mg/kg		1.975 mg/kg	0.000198 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				2.7 mg/kg		2.133 mg/kg	0.000213 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				1.1 mg/kg		0.869 mg/kg	0.0000869 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				1.8 mg/kg		1.422 mg/kg	0.000142 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				1.4 mg/kg		1.106 mg/kg	0.000111 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.15 mg/kg		0.119 mg/kg	0.0000119 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				1.5 mg/kg		1.185 mg/kg	0.000119 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				28 mg/kg	1.785	39.488 mg/kg	0.00395 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.149 %		

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	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0474%)

Classification of sample: TP103-810034-09/04/2019-1.20

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

Sample details

Sample Name:	LoW Code:	
TP103-810034-09/04/2019-1.20	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)
1.20-2.30 m		
Moisture content:		
19%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				20 mg/kg	1.32	21.389 mg/kg	0.00214 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				1.3 mg/kg	3.22	3.391 mg/kg	0.000339 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				0.43 mg/kg	1.142	0.398 mg/kg	0.0000398 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				27 mg/kg	1.462	31.964 mg/kg	0.0032 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				47 mg/kg	1.126	42.863 mg/kg	0.00429 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	140 mg/kg	1.56	176.883 mg/kg	0.0113 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				0.21 mg/kg	1.353	0.23 mg/kg	0.000023 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				28 mg/kg	2.976	67.502 mg/kg	0.00675 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.51 mg/kg	2.554	1.055 mg/kg	0.000105 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				110 mg/kg	2.774	247.176 mg/kg	0.0247 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				140 mg/kg		113.4 mg/kg	0.0113 %	✓	
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				8.3 pH		8.3 pH	8.3 pH			
20	naphthalene				1 mg/kg		0.81 mg/kg	0.000081 %		✓	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				0.24 mg/kg		0.194 mg/kg	0.0000194 %		✓	
		205-917-1	208-96-8								
22	acenaphthene				3.1 mg/kg		2.511 mg/kg	0.000251 %		✓	
		201-469-6	83-32-9								
23	fluorene				2.2 mg/kg		1.782 mg/kg	0.000178 %		✓	
		201-695-5	86-73-7								
24	phenanthrene				18 mg/kg		14.58 mg/kg	0.00146 %		✓	
		201-581-5	85-01-8								
25	anthracene				5.4 mg/kg		4.374 mg/kg	0.000437 %		✓	
		204-371-1	120-12-7								
26	fluoranthene				23 mg/kg		18.63 mg/kg	0.00186 %		✓	
		205-912-4	206-44-0								
27	pyrene				20 mg/kg		16.2 mg/kg	0.00162 %		✓	
		204-927-3	129-00-0								
28	benzo[a]anthracene				7.9 mg/kg		6.399 mg/kg	0.00064 %		✓	
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				9 mg/kg		7.29 mg/kg	0.000729 %		✓	
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				10 mg/kg		8.1 mg/kg	0.00081 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				4.2 mg/kg		3.402 mg/kg	0.00034 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				8.3 mg/kg		6.723 mg/kg	0.000672 %		✓	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				6.4 mg/kg		5.184 mg/kg	0.000518 %		✓	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				1.3 mg/kg		1.053 mg/kg	0.000105 %		✓	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				4.7 mg/kg		3.807 mg/kg	0.000381 %		✓	
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				32 mg/kg	1.785	46.272 mg/kg	0.00463 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.0802 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0113%)

Classification of sample: TP104-810035-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:
TP104-810035-09/04/2019-0.00	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-2.40 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

Hazard properties

None identified

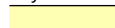
Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				22	mg/kg	1.32	24.109	mg/kg	0.00241 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				2.5	mg/kg	3.22	6.681	mg/kg	0.000668 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.45	mg/kg	1.142	0.427	mg/kg	0.0000427 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				21	mg/kg	1.462	25.475	mg/kg	0.00255 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				62	mg/kg	1.126	57.938	mg/kg	0.00579 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	310	mg/kg	1.56	401.34	mg/kg	0.0257 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				1.3	mg/kg	1.353	1.46	mg/kg	0.000146 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				19	mg/kg	2.976	46.936	mg/kg	0.00469 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.26	mg/kg	2.554	0.551	mg/kg	0.0000551 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				340	mg/kg	2.774	782.864	mg/kg	0.0783 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				37	mg/kg		30.71	mg/kg	0.00307 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				7.9 pH		7.9 pH	7.9 pH		
			PH							
20	naphthalene				2 mg/kg		1.66 mg/kg	0.000166 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.72 mg/kg		0.598 mg/kg	0.0000598 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				1.8 mg/kg		1.494 mg/kg	0.000149 %	✓	
		201-469-6	83-32-9							
23	fluorene				2.4 mg/kg		1.992 mg/kg	0.000199 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				19 mg/kg		15.77 mg/kg	0.00158 %	✓	
		201-581-5	85-01-8							
25	anthracene				4.9 mg/kg		4.067 mg/kg	0.000407 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				22 mg/kg		18.26 mg/kg	0.00183 %	✓	
		205-912-4	206-44-0							
27	pyrene				20 mg/kg		16.6 mg/kg	0.00166 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				8.1 mg/kg		6.723 mg/kg	0.000672 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				8.9 mg/kg		7.387 mg/kg	0.000739 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				10 mg/kg		8.3 mg/kg	0.00083 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				4.6 mg/kg		3.818 mg/kg	0.000382 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				8.7 mg/kg		7.221 mg/kg	0.000722 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				6.6 mg/kg		5.478 mg/kg	0.000548 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				1.2 mg/kg		0.996 mg/kg	0.0000996 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				5.6 mg/kg		4.648 mg/kg	0.000465 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				23 mg/kg	1.785	34.079 mg/kg	0.00341 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.139 %		

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	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00307%)

Classification of sample: TP105-810036-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:	
TP105-810036-09/04/2019-0.00	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)
0.00-0.50 m		
Moisture content:		
16%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				24 mg/kg	1.32	26.618 mg/kg	0.00266 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				0.99 mg/kg	3.22	2.678 mg/kg	0.000268 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				0.52 mg/kg	1.142	0.499 mg/kg	0.0000499 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				25 mg/kg	1.462	30.693 mg/kg	0.00307 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				58 mg/kg	1.126	54.853 mg/kg	0.00549 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	180 mg/kg	1.56	235.844 mg/kg	0.0151 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				2.6 mg/kg	1.353	2.956 mg/kg	0.000296 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				25 mg/kg	2.976	62.502 mg/kg	0.00625 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.57 mg/kg	2.554	1.223 mg/kg	0.000122 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				160 mg/kg	2.774	372.845 mg/kg	0.0373 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				200 mg/kg		168 mg/kg	0.0168 %	✓	
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				8.4 pH		8.4 pH	8.4 pH			
20	naphthalene				0.31 mg/kg		0.26 mg/kg	0.000026 %		✓	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				0.15 mg/kg		0.126 mg/kg	0.0000126 %		✓	
		205-917-1	208-96-8								
22	acenaphthene				0.37 mg/kg		0.311 mg/kg	0.0000311 %		✓	
		201-469-6	83-32-9								
23	fluorene				0.28 mg/kg		0.235 mg/kg	0.0000235 %		✓	
		201-695-5	86-73-7								
24	phenanthrene				2.9 mg/kg		2.436 mg/kg	0.000244 %		✓	
		201-581-5	85-01-8								
25	anthracene				0.91 mg/kg		0.764 mg/kg	0.0000764 %		✓	
		204-371-1	120-12-7								
26	fluoranthene				5.6 mg/kg		4.704 mg/kg	0.00047 %		✓	
		205-912-4	206-44-0								
27	pyrene				5.5 mg/kg		4.62 mg/kg	0.000462 %		✓	
		204-927-3	129-00-0								
28	benzo[a]anthracene				2.2 mg/kg		1.848 mg/kg	0.000185 %		✓	
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				2.7 mg/kg		2.268 mg/kg	0.000227 %		✓	
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				4.2 mg/kg		3.528 mg/kg	0.000353 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				1.7 mg/kg		1.428 mg/kg	0.000143 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				3.4 mg/kg		2.856 mg/kg	0.000286 %		✓	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				3.2 mg/kg		2.688 mg/kg	0.000269 %		✓	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				0.4 mg/kg		0.336 mg/kg	0.0000336 %		✓	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				2.2 mg/kg		1.848 mg/kg	0.000185 %		✓	
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				29 mg/kg	1.785	43.487 mg/kg	0.00435 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.096 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0168%)

Classification of sample: TP105-810037-09/04/2019-0.50

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

Sample details

Sample Name:	LoW Code:
TP105-810037-09/04/2019-0.50	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50-2.10 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(wet weight correction)	

Hazard properties

None identified

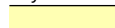
Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				18 mg/kg	1.32	20.676 mg/kg	0.00207 %		✓	
	033-003-00-0	215-481-4	1327-53-3								
2	boron { diboron trioxide; boric oxide }				0.84 mg/kg	3.22	2.353 mg/kg	0.000235 %		✓	
	005-008-00-8	215-125-8	1303-86-2								
3	cadmium { cadmium oxide }				0.4 mg/kg	1.142	0.398 mg/kg	0.0000398 %		✓	
	048-002-00-0	215-146-2	1306-19-0								
4	chromium in chromium(III) compounds { chromium(III) oxide }				30 mg/kg	1.462	38.147 mg/kg	0.00381 %		✓	
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { dicopper oxide; copper (I) oxide }				49 mg/kg	1.126	47.997 mg/kg	0.0048 %		✓	
	029-002-00-X	215-270-7	1317-39-1								
7	lead { lead chromate }			1	120 mg/kg	1.56	162.845 mg/kg	0.0104 %		✓	
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				1.1 mg/kg	1.353	1.295 mg/kg	0.00013 %		✓	
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel chromate }				29 mg/kg	2.976	75.091 mg/kg	0.00751 %		✓	
	028-035-00-7	238-766-5	14721-18-7								
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %			<LOD
	034-002-00-8										
11	zinc { zinc chromate }				130 mg/kg	2.774	313.756 mg/kg	0.0314 %		✓	
	024-007-00-3										
12	TPH (C6 to C40) petroleum group				400 mg/kg		348 mg/kg	0.0348 %		✓	
			TPH								
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
20	naphthalene				0.38 mg/kg		0.331 mg/kg	0.0000331 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				0.35 mg/kg		0.305 mg/kg	0.0000305 %	✓	
		201-469-6	83-32-9							
23	fluorene				0.29 mg/kg		0.252 mg/kg	0.0000252 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				2.4 mg/kg		2.088 mg/kg	0.000209 %	✓	
		201-581-5	85-01-8							
25	anthracene				0.71 mg/kg		0.618 mg/kg	0.0000618 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				4 mg/kg		3.48 mg/kg	0.000348 %	✓	
		205-912-4	206-44-0							
27	pyrene				4 mg/kg		3.48 mg/kg	0.000348 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				1.7 mg/kg		1.479 mg/kg	0.000148 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				2.1 mg/kg		1.827 mg/kg	0.000183 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				2.9 mg/kg		2.523 mg/kg	0.000252 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				0.99 mg/kg		0.861 mg/kg	0.0000861 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				2.3 mg/kg		2.001 mg/kg	0.0002 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				2.1 mg/kg		1.827 mg/kg	0.000183 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.34 mg/kg		0.296 mg/kg	0.0000296 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				1.7 mg/kg		1.479 mg/kg	0.000148 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				30 mg/kg	1.785	46.593 mg/kg	0.00466 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.103 %		

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	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0348%)

Classification of sample: TP106-810038-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:	
TP106-810038-09/04/2019-0.00	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)
0.00-0.80 m		
Moisture content:		
18%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				27 mg/kg	1.32	29.232 mg/kg	0.00292 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				0.7 mg/kg	3.22	1.848 mg/kg	0.000185 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				0.51 mg/kg	1.142	0.478 mg/kg	0.0000478 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				36 mg/kg	1.462	43.145 mg/kg	0.00431 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				140 mg/kg	1.126	129.252 mg/kg	0.0129 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	120 mg/kg	1.56	153.486 mg/kg	0.00984 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				0.33 mg/kg	1.353	0.366 mg/kg	0.0000366 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				28 mg/kg	2.976	68.335 mg/kg	0.00683 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.28 mg/kg	2.554	0.586 mg/kg	0.0000586 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				120 mg/kg	2.774	272.976 mg/kg	0.0273 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				220 mg/kg		180.4 mg/kg	0.018 %	✓	
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	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 }				1.3 mg/kg	1.884	2.008 mg/kg	0.000201 %		✓	
	006-007-00-5										
19	pH				9.3 pH		9.3 pH	9.3 pH			
20	naphthalene				0.79 mg/kg		0.648 mg/kg	0.0000648 %		✓	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				0.11 mg/kg		0.0902 mg/kg	0.00000902 %		✓	
		205-917-1	208-96-8								
22	acenaphthene				0.81 mg/kg		0.664 mg/kg	0.0000664 %		✓	
		201-469-6	83-32-9								
23	fluorene				0.49 mg/kg		0.402 mg/kg	0.0000402 %		✓	
		201-695-5	86-73-7								
24	phenanthrene				5.5 mg/kg		4.51 mg/kg	0.000451 %		✓	
		201-581-5	85-01-8								
25	anthracene				1.3 mg/kg		1.066 mg/kg	0.000107 %		✓	
		204-371-1	120-12-7								
26	fluoranthene				7.5 mg/kg		6.15 mg/kg	0.000615 %		✓	
		205-912-4	206-44-0								
27	pyrene				7.1 mg/kg		5.822 mg/kg	0.000582 %		✓	
		204-927-3	129-00-0								
28	benzo[a]anthracene				2.6 mg/kg		2.132 mg/kg	0.000213 %		✓	
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				3.3 mg/kg		2.706 mg/kg	0.000271 %		✓	
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				3.6 mg/kg		2.952 mg/kg	0.000295 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				1.5 mg/kg		1.23 mg/kg	0.000123 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				2.9 mg/kg		2.378 mg/kg	0.000238 %		✓	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				2.4 mg/kg		1.968 mg/kg	0.000197 %		✓	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				0.32 mg/kg		0.262 mg/kg	0.0000262 %		✓	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				2 mg/kg		1.64 mg/kg	0.000164 %		✓	
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				30 mg/kg	1.785	43.916 mg/kg	0.00439 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				20 mg/kg		16.4 mg/kg	0.00164 %		✓	
	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								
Total:									0.0923 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.018%)

Classification of sample: TP106-810039-09/04/2019-0.80



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

Sample details

Sample Name:	LoW Code:
TP106-810039-09/04/2019-0.80	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.80-2.20 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	20.333	mg/kg	0.00203 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.69	mg/kg	3.22	1.711	mg/kg	0.000171 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.38	mg/kg	1.142	0.334	mg/kg	0.0000334 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				26	mg/kg	1.462	29.26	mg/kg	0.00293 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				53	mg/kg	1.126	45.948	mg/kg	0.00459 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	110	mg/kg	1.56	132.116	mg/kg	0.00847 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.22	mg/kg	1.353	0.229	mg/kg	0.0000229 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				23	mg/kg	2.976	52.71	mg/kg	0.00527 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.5	mg/kg	2.554	0.983	mg/kg	0.0000983 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				120	mg/kg	2.774	256.331	mg/kg	0.0256 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8 pH		8 pH	8pH		
			PH							
20	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
22	acenaphthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-469-6	83-32-9							
23	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7							
24	phenanthrene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-581-5	85-01-8							
25	anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		204-371-1	120-12-7							
26	fluoranthene				0.75 mg/kg		0.578 mg/kg	0.0000578 %	✓	
		205-912-4	206-44-0							
27	pyrene				0.77 mg/kg		0.593 mg/kg	0.0000593 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-883-8	191-24-2							
36	phenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
37	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3							
38	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
39	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
40	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
41	vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
42	hexachlorobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	602-065-00-6	204-273-9	118-74-1									
43	vanadium { divanadium pentaoxide; vanadium pentoxide }				21	mg/kg	1.785	28.866	mg/kg	0.00289 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
44	hexachloroethane				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1									
45	nitrosodipropylamine				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7									
46	4-nitrophenol; p-nitrophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7									
47	nitrobenzene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3									
48	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1									
49	2-nitrophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-857-5	98-75-5									
50	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1] 95-87-4									
		202-461-5 [2]	[2] 105-67-9 [3]									
		203-321-6 [3]	526-75-0 [4]									
		208-395-3 [4]	576-26-1 [5]									
		209-400-1 [5]	1300-71-6 [6]									
		215-089-3 [6]	71975-58-1 [7]									
		276-245-4 [7]										
51	bis(2-chloroethoxy)methane				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1									
52	2,4-dichlorophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
53	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9									
54	4-chloroaniline				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8									
55	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7									
56	2-methyl naphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6									
57	hexachlorocyclopentadiene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4									
58	2,4,6-trichlorophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	98-06-2									
59	2,4,5-trichlorophenol				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4									
60	2-chloronaphthalene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7									
61	dimethyl phthalate				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3									
62	2,6-dinitrotoluene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2									
63	dibenzofuran				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9									
64	4-chlorophenylphenylether				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3									
65	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1]	121-14-2 [1]									
		246-836-1 [2]	25321-14-6 [2]									
66	diethyl phthalate				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
67	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]		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
68	DNOC (ISO); 4,6-dinitro-o-cresol 609-020-00-X	208-601-1	534-52-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
69	azobenzene 611-001-00-6	203-102-5	103-33-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
70	4-bromophenylphenylether 202-952-4	101-55-3			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
71	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
72	carbazole 201-696-0	86-74-8			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
73	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
74	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
75	BBP; benzyl butyl phthalate 607-430-00-3	201-622-7	85-68-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
76	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9	204-211-0	117-81-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
77	di-n-octyl phthalate 204-214-7	117-84-0			<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
78	bromochloromethane 200-826-3	74-97-5			<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
79	chloroform; trichloromethane 602-006-00-4	200-663-8	67-66-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
80	1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
81	1,1-dichloropropene 602-031-00-0	209-253-3	563-58-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
82	dichlorodifluoromethane 200-893-9	75-71-8			<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
85	bromodichloromethane 200-856-7	75-27-4			<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
86	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	trans-1,3-dichloropropene 431-460-4	10061-02-6			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropane 205-531-3	142-28-9			<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
90	dibromochloromethane 204-704-0	124-48-1			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	chloromethane; methyl chloride 602-001-00-7	200-817-4	74-87-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
93	chlorobenzene 602-033-00-1	203-628-5	108-90-7		<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								
94	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
95	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
96	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
97	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
98	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
99	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
100	tert-butylbenzene	202-632-4	98-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
101	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
102	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
103	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
104	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
105	4-isopropyltoluene	202-796-7	99-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
106	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
107	n-butylbenzene	203-209-7	104-51-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
108	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
109	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
110	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
111	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
112	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
113	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
114	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
115	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
116	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
117	asbestos	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5	<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
118	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used					
		CLP index number	EC Number	CAS Number												
119		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3] 612-012-00-9 201-855-4 [1] 88-74-4 [1] 99-09-2 202-729-1 [2] [2] 100-01-6 [3] 202-810-1 [3]				<1.5 mg/kg	<1.5 mg/kg	<0.00015 %		<LOD						
120		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3 208-750-2 [1] 540-59-0 [1] 205-859-7 [2] 156-59-2 [2] 205-860-2 [3] 156-60-5 [3]														
121		cumene; [1] propylbenzene [2] 601-024-00-X 202-704-5 [1] 98-82-8 [1] 203-132-9 [2] 103-65-1 [2]														
122		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X 202-424-3 [1] 95-49-8 [1] 203-580-5 [2] 108-41-8 [2] 203-397-0 [3] 106-43-4 [3] 246-698-2 [4] 25168-05-2 [4]				<0.002 mg/kg	<0.002 mg/kg	<0.0000002 %		<LOD						
Total: 0.0572 %																

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: TP107-810040-09/04/2019-0.00



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

Sample details

Sample Name:	LoW Code:
TP107-810040-09/04/2019-0.00	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-0.60 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(wet weight correction)	

Hazard properties

None identified

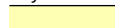
Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				18	mg/kg	1.32	19.488	mg/kg	0.00195 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.81	mg/kg	3.22	2.139	mg/kg	0.000214 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.35	mg/kg	1.142	0.328	mg/kg	0.0000328 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				31	mg/kg	1.462	37.153	mg/kg	0.00372 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				46	mg/kg	1.126	42.469	mg/kg	0.00425 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	190	mg/kg	1.56	243.019	mg/kg	0.0156 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.48	mg/kg	1.353	0.533	mg/kg	0.0000533 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				39	mg/kg	2.976	95.181	mg/kg	0.00952 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.52	mg/kg	2.554	1.089	mg/kg	0.000109 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				94	mg/kg	2.774	213.831	mg/kg	0.0214 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				140	mg/kg		114.8	mg/kg	0.0115 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.8 mg/kg	1.884	1.236 mg/kg	0.000124 %	✓	
	006-007-00-5									
19	pH				9 pH		9 pH	9pH		
			PH							
20	naphthalene				0.38 mg/kg		0.312 mg/kg	0.0000312 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.12 mg/kg		0.0984 mg/kg	0.00000984 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				1.6 mg/kg		1.312 mg/kg	0.000131 %	✓	
		201-469-6	83-32-9							
23	fluorene				1.1 mg/kg		0.902 mg/kg	0.0000902 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				9.4 mg/kg		7.708 mg/kg	0.000771 %	✓	
		201-581-5	85-01-8							
25	anthracene				2.8 mg/kg		2.296 mg/kg	0.00023 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				11 mg/kg		9.02 mg/kg	0.000902 %	✓	
		205-912-4	206-44-0							
27	pyrene				10 mg/kg		8.2 mg/kg	0.00082 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				3.5 mg/kg		2.87 mg/kg	0.000287 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				4.2 mg/kg		3.444 mg/kg	0.000344 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				4.1 mg/kg		3.362 mg/kg	0.000336 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				1.7 mg/kg		1.394 mg/kg	0.000139 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				3.2 mg/kg		2.624 mg/kg	0.000262 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				2.1 mg/kg		1.722 mg/kg	0.000172 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.31 mg/kg		0.254 mg/kg	0.0000254 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				2 mg/kg		1.64 mg/kg	0.000164 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				38 mg/kg	1.785	55.626 mg/kg	0.00556 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.0798 %		

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	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0115%)

Classification of sample: TP107-810041-09/04/2019-0.60

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

Sample details

Sample Name:	LoW Code:	
TP107-810041-09/04/2019-0.60	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)
0.60-2.20 m		
Moisture content:		
13%		
(wet weight correction)		

Hazard properties

None identified

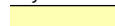
Determinands

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				9.4 mg/kg	1.32	10.798 mg/kg	0.00108 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				9.1 mg/kg	1.462	11.571 mg/kg	0.00116 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				24 mg/kg	1.126	23.509 mg/kg	0.00235 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	36 mg/kg	1.56	48.853 mg/kg	0.00313 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				11 mg/kg	2.976	28.483 mg/kg	0.00285 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.3 mg/kg	2.554	0.666 mg/kg	0.0000666 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				27 mg/kg	2.774	65.165 mg/kg	0.00652 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				7.8 pH		7.8 pH	7.8 pH			
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				13 mg/kg	1.785	20.19 mg/kg	0.00202 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.0217 %		

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: TP108-810042-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:
TP108-810042-09/04/2019-0.00	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-0.70 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(wet weight correction)	

Hazard properties

None identified

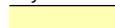
Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				25	mg/kg	1.32	27.727	mg/kg	0.00277 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.4	mg/kg	3.22	3.787	mg/kg	0.000379 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.88	mg/kg	1.142	0.844	mg/kg	0.0000844 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				26	mg/kg	1.462	31.92	mg/kg	0.00319 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				84	mg/kg	1.126	79.443	mg/kg	0.00794 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	210	mg/kg	1.56	275.151	mg/kg	0.0176 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				2	mg/kg	1.353	2.274	mg/kg	0.000227 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				28	mg/kg	2.976	70.002	mg/kg	0.007 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.29	mg/kg	2.554	0.622	mg/kg	0.0000622 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				250	mg/kg	2.774	582.571	mg/kg	0.0583 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				610	mg/kg		512.4	mg/kg	0.0512 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8.3 pH		8.3 pH	8.3 pH		
			PH							
20	naphthalene				1.1 mg/kg		0.924 mg/kg	0.0000924 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.25 mg/kg		0.21 mg/kg	0.000021 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				1.7 mg/kg		1.428 mg/kg	0.000143 %	✓	
		201-469-6	83-32-9							
23	fluorene				1.3 mg/kg		1.092 mg/kg	0.000109 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				14 mg/kg		11.76 mg/kg	0.00118 %	✓	
		201-581-5	85-01-8							
25	anthracene				3.6 mg/kg		3.024 mg/kg	0.000302 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				20 mg/kg		16.8 mg/kg	0.00168 %	✓	
		205-912-4	206-44-0							
27	pyrene				18 mg/kg		15.12 mg/kg	0.00151 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				8.6 mg/kg		7.224 mg/kg	0.000722 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				9.5 mg/kg		7.98 mg/kg	0.000798 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				11 mg/kg		9.24 mg/kg	0.000924 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				4.7 mg/kg		3.948 mg/kg	0.000395 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				8.9 mg/kg		7.476 mg/kg	0.000748 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				6.8 mg/kg		5.712 mg/kg	0.000571 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				1.2 mg/kg		1.008 mg/kg	0.000101 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				5.6 mg/kg		4.704 mg/kg	0.00047 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				30 mg/kg	1.785	44.987 mg/kg	0.0045 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.164 %		

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	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0512%)

Classification of sample: TP108-810043-09/04/2019-0.70

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

Sample details

Sample Name:	LoW Code:	
TP108-810043-09/04/2019-0.70	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)
0.70-1.80 m		
Moisture content:		
17%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				8.2 mg/kg	1.32	8.986 mg/kg	0.000899 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				17 mg/kg	1.462	20.623 mg/kg	0.00206 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				15 mg/kg	1.126	14.017 mg/kg	0.0014 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	17 mg/kg	1.56	22.009 mg/kg	0.00141 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				15 mg/kg	2.976	37.054 mg/kg	0.00371 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.47 mg/kg	2.554	0.996 mg/kg	0.0000996 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				50 mg/kg	2.774	115.127 mg/kg	0.0115 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				7.4 pH		7.4 pH	7.4 pH			
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
24	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
25	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
26	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
27	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
28	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				22 mg/kg	1.785	32.597 mg/kg	0.00326 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.0269 %		

Key

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

Classification of sample: TP109-810044-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:
TP109-810044-09/04/2019-0.00	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-0.90 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15%	
(wet weight correction)	

Hazard properties

None identified

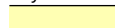
Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				24	mg/kg	1.32	26.935	mg/kg	0.00269 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.64	mg/kg	3.22	1.752	mg/kg	0.000175 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.61	mg/kg	1.142	0.592	mg/kg	0.0000592 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				22	mg/kg	1.462	27.331	mg/kg	0.00273 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				64	mg/kg	1.126	61.248	mg/kg	0.00612 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	150	mg/kg	1.56	198.876	mg/kg	0.0127 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				1.9	mg/kg	1.353	2.186	mg/kg	0.000219 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				25	mg/kg	2.976	63.246	mg/kg	0.00632 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.3	mg/kg	2.554	0.651	mg/kg	0.0000651 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				160	mg/kg	2.774	377.284	mg/kg	0.0377 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				610	mg/kg		518.5	mg/kg	0.0519 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				10 pH		10 pH	10pH		
			PH							
20	naphthalene				0.65 mg/kg		0.553 mg/kg	0.0000553 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.11 mg/kg		0.0935 mg/kg	0.00000935 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				1.1 mg/kg		0.935 mg/kg	0.0000935 %	✓	
		201-469-6	83-32-9							
23	fluorene				0.76 mg/kg		0.646 mg/kg	0.0000646 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				5.7 mg/kg		4.845 mg/kg	0.000484 %	✓	
		201-581-5	85-01-8							
25	anthracene				2 mg/kg		1.7 mg/kg	0.00017 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				11 mg/kg		9.35 mg/kg	0.000935 %	✓	
		205-912-4	206-44-0							
27	pyrene				10 mg/kg		8.5 mg/kg	0.00085 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				4.8 mg/kg		4.08 mg/kg	0.000408 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				5.6 mg/kg		4.76 mg/kg	0.000476 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				7.4 mg/kg		6.29 mg/kg	0.000629 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				3.3 mg/kg		2.805 mg/kg	0.000281 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				6.1 mg/kg		5.185 mg/kg	0.000519 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				5 mg/kg		4.25 mg/kg	0.000425 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.96 mg/kg		0.816 mg/kg	0.0000816 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				3.8 mg/kg		3.23 mg/kg	0.000323 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				31 mg/kg	1.785	47.04 mg/kg	0.0047 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.132 %		

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	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0519%)

Classification of sample: TP109-810045-09/04/2019-0.90

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

Sample details

Sample Name:	LoW Code:	
TP109-810045-09/04/2019-0.90	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)
0.90-1.50 m		
Moisture content:		
15%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				25 mg/kg	1.32	28.057 mg/kg	0.00281 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<LOD
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				19 mg/kg	1.462	23.604 mg/kg	0.00236 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				19 mg/kg	1.126	18.183 mg/kg	0.00182 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	19 mg/kg	1.56	25.191 mg/kg	0.00161 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				0.12 mg/kg	1.353	0.138 mg/kg	0.0000138 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				20 mg/kg	2.976	50.597 mg/kg	0.00506 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.4 mg/kg	2.554	0.868 mg/kg	0.0000868 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				45 mg/kg	2.774	106.111 mg/kg	0.0106 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				7.7 pH		7.7 pH	7.7 pH			
20	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		205-917-1	208-96-8								
22	acenaphthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		201-469-6	83-32-9								
23	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		201-695-5	86-73-7								
24	phenanthrene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		201-581-5	85-01-8								
25	anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		204-371-1	120-12-7								
26	fluoranthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		205-912-4	206-44-0								
27	pyrene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		204-927-3	129-00-0								
28	benzo[a]anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		205-883-8	191-24-2								
36	phenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
37	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3								
38	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
39	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-008-00-5	200-262-8	56-23-5								
40	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-027-00-9	201-167-4	79-01-6								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
42	hexachlorobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
43	vanadium { divanadium pentaoxide; vanadium pentoxide }				22 mg/kg	1.785	33.383 mg/kg	0.00334 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
44	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1							
45	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
46	4-nitrophenol; p-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
47	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
48	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
49	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-857-5	88-75-5							
50	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
51	bis(2-chloroethoxy)methane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1							
52	2,4-dichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
53	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9							
54	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
55	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
56	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
57	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
58	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
59	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
60	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
61	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3							
62	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
63	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
64	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
65	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
66	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
67	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]		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
68	DNOC (ISO); 4,6-dinitro-o-cresol	609-020-00-X	208-601-1	534-52-1	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
69	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
70	4-bromophenylphenylether	202-952-4	101-55-3		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
71	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
72	carbazole	201-696-0	86-74-8		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
73	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
74	bis(2-chloroethyl) ether	603-029-00-2	203-870-1	111-44-4	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
75	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
76	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
77	di-n-octyl phthalate	204-214-7	117-84-0		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
78	bromochloromethane	200-826-3	74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
79	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
80	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
81	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
82	dichlorodifluoromethane	200-893-9	75-71-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
83	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
84	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
85	bromodichloromethane	200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
86	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropane	205-531-3	142-28-9		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
90	dibromochloromethane	204-704-0	124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
92	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
93	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<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							
94	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
95	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
96	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
97	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
99	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
100	tert-butylbenzene	202-632-4	98-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
103	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
105	4-isopropyltoluene	202-796-7	99-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
106	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	n-butylbenzene	203-209-7	104-51-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
110	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
113	carbon disulphide	006-003-00-3	200-843-6	75-15-0	0.067 mg/kg		0.057 mg/kg	0.00000569 %	✓	
114	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
115	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
116	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
117	asbestos	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5	<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
118	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
119	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
120	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]									
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
121	cumene; [1] propylbenzene [2]									
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
122	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]									
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
Total:								0.0329 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

carbon disulphide: (conc.: 5.7e-06%)

Classification of sample: TP110-810046-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:	
TP110-810046-09/04/2019-0.00	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)
0.00-2.00 m		
Moisture content:		
16%		
(wet weight correction)		

Hazard properties

None identified

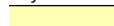
Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				21	mg/kg	1.32	23.291	mg/kg	0.00233 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				2.1	mg/kg	3.22	5.68	mg/kg	0.000568 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.6	mg/kg	1.142	0.576	mg/kg	0.0000576 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				30	mg/kg	1.462	36.831	mg/kg	0.00368 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				63	mg/kg	1.126	59.582	mg/kg	0.00596 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	270	mg/kg	1.56	353.766	mg/kg	0.0227 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				1.2	mg/kg	1.353	1.364	mg/kg	0.000136 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				22	mg/kg	2.976	55.001	mg/kg	0.0055 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.25	mg/kg	2.554	0.536	mg/kg	0.0000536 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				230	mg/kg	2.774	535.965	mg/kg	0.0536 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				420	mg/kg		352.8	mg/kg	0.0353 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				8.2 pH		8.2 pH	8.2 pH			
20	naphthalene				4.8 mg/kg		4.032 mg/kg	0.000403 %		✓	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				1.1 mg/kg		0.924 mg/kg	0.0000924 %		✓	
		205-917-1	208-96-8								
22	acenaphthene				0.83 mg/kg		0.697 mg/kg	0.0000697 %		✓	
		201-469-6	83-32-9								
23	fluorene				1.3 mg/kg		1.092 mg/kg	0.000109 %		✓	
		201-695-5	86-73-7								
24	phenanthrene				11 mg/kg		9.24 mg/kg	0.000924 %		✓	
		201-581-5	85-01-8								
25	anthracene				3.2 mg/kg		2.688 mg/kg	0.000269 %		✓	
		204-371-1	120-12-7								
26	fluoranthene				14 mg/kg		11.76 mg/kg	0.00118 %		✓	
		205-912-4	206-44-0								
27	pyrene				13 mg/kg		10.92 mg/kg	0.00109 %		✓	
		204-927-3	129-00-0								
28	benzo[a]anthracene				5.7 mg/kg		4.788 mg/kg	0.000479 %		✓	
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				5.7 mg/kg		4.788 mg/kg	0.000479 %		✓	
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				7.2 mg/kg		6.048 mg/kg	0.000605 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				2.8 mg/kg		2.352 mg/kg	0.000235 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				5.1 mg/kg		4.284 mg/kg	0.000428 %		✓	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				4.3 mg/kg		3.612 mg/kg	0.000361 %		✓	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				0.86 mg/kg		0.722 mg/kg	0.0000722 %		✓	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				3.8 mg/kg		3.192 mg/kg	0.000319 %		✓	
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				28 mg/kg	1.785	41.988 mg/kg	0.0042 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.142 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0353%)

Classification of sample: TP111-810047-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:
TP111-810047-09/04/2019-0.00	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-2.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15%	
(wet weight correction)	

Hazard properties

None identified

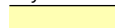
Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				15	mg/kg	1.32	16.834	mg/kg	0.00168 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.4	mg/kg	3.22	3.832	mg/kg	0.000383 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.44	mg/kg	1.142	0.427	mg/kg	0.0000427 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				31	mg/kg	1.462	38.512	mg/kg	0.00385 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				98	mg/kg	1.126	93.786	mg/kg	0.00938 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	230	mg/kg	1.56	304.944	mg/kg	0.0196 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				8.7	mg/kg	1.353	10.009	mg/kg	0.001 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				21	mg/kg	2.976	53.126	mg/kg	0.00531 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.29	mg/kg	2.554	0.629	mg/kg	0.0000629 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				170	mg/kg	2.774	400.864	mg/kg	0.0401 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				140	mg/kg		119	mg/kg	0.0119 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.7 mg/kg	1.884	1.121 mg/kg	0.000112 %	✓	
	006-007-00-5									
19	pH				8.8 pH		8.8 pH	8.8 pH		
			PH							
20	naphthalene				0.53 mg/kg		0.451 mg/kg	0.0000451 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.21 mg/kg		0.179 mg/kg	0.0000179 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				0.81 mg/kg		0.689 mg/kg	0.0000689 %	✓	
		201-469-6	83-32-9							
23	fluorene				0.7 mg/kg		0.595 mg/kg	0.0000595 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				5.4 mg/kg		4.59 mg/kg	0.000459 %	✓	
		201-581-5	85-01-8							
25	anthracene				1.6 mg/kg		1.36 mg/kg	0.000136 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				9.5 mg/kg		8.075 mg/kg	0.000807 %	✓	
		205-912-4	206-44-0							
27	pyrene				9.2 mg/kg		7.82 mg/kg	0.000782 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				4.1 mg/kg		3.485 mg/kg	0.000349 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				5.1 mg/kg		4.335 mg/kg	0.000433 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				5.2 mg/kg		4.42 mg/kg	0.000442 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				2.2 mg/kg		1.87 mg/kg	0.000187 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				4.6 mg/kg		3.91 mg/kg	0.000391 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				3.4 mg/kg		2.89 mg/kg	0.000289 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.64 mg/kg		0.544 mg/kg	0.0000544 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				2.7 mg/kg		2.295 mg/kg	0.00023 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				22 mg/kg	1.785	33.383 mg/kg	0.00334 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				220 mg/kg		187 mg/kg	0.0187 %	✓	
	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							
Total:								0.12 %		

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	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0119%)

Classification of sample: TP112-810048-09/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:	
TP112-810048-09/04/2019-0.00	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)
0.00-1.60 m		
Moisture content:		
18%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				18 mg/kg	1.32	19.488 mg/kg	0.00195 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				3 mg/kg	3.22	7.921 mg/kg	0.000792 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				0.43 mg/kg	1.142	0.403 mg/kg	0.0000403 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				31 mg/kg	1.462	37.153 mg/kg	0.00372 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				69 mg/kg	1.126	63.703 mg/kg	0.00637 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	230 mg/kg	1.56	294.181 mg/kg	0.0189 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				3 mg/kg	1.353	3.33 mg/kg	0.000333 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				26 mg/kg	2.976	63.454 mg/kg	0.00635 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.41 mg/kg	2.554	0.859 mg/kg	0.0000859 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				280 mg/kg	2.774	636.944 mg/kg	0.0637 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				800 mg/kg		656 mg/kg	0.0656 %	✓	
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				0.0045 mg/kg		0.0036 mg/kg	0.000000369 %		✓	
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				0.018 mg/kg		0.0148 mg/kg	0.00000148 %		✓	
	601-023-00-4	202-849-4	100-41-4								
17	xylene				0.152 mg/kg		0.125 mg/kg	0.0000125 %		✓	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.6 mg/kg	1.884	0.927 mg/kg	0.0000927 %		✓	
	006-007-00-5										
19	pH				8.3 pH		8.3 pH	8.3 pH			
20	naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		205-917-1	208-96-8								
22	acenaphthene				0.68 mg/kg		0.558 mg/kg	0.0000558 %		✓	
		201-469-6	83-32-9								
23	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		201-695-5	86-73-7								
24	phenanthrene				3.3 mg/kg		2.706 mg/kg	0.000271 %		✓	
		201-581-5	85-01-8								
25	anthracene				0.91 mg/kg		0.746 mg/kg	0.0000746 %		✓	
		204-371-1	120-12-7								
26	fluoranthene				4.9 mg/kg		4.018 mg/kg	0.000402 %		✓	
		205-912-4	206-44-0								
27	pyrene				4.3 mg/kg		3.526 mg/kg	0.000353 %		✓	
		204-927-3	129-00-0								
28	benzo[a]anthracene				2.1 mg/kg		1.722 mg/kg	0.000172 %		✓	
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				2.3 mg/kg		1.886 mg/kg	0.000189 %		✓	
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				2.9 mg/kg		2.378 mg/kg	0.000238 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				0.86 mg/kg		0.705 mg/kg	0.0000705 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				1.9 mg/kg		1.558 mg/kg	0.000156 %		✓	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				1.1 mg/kg		0.902 mg/kg	0.0000902 %		✓	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				1.5 mg/kg		1.23 mg/kg	0.000123 %		✓	
		205-883-8	191-24-2								
36	phenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
37	1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		203-458-1, 200-863-5	107-06-2, 75-34-3								
38	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
39	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-008-00-5	200-262-8	56-23-5								
40	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-027-00-9	201-167-4	79-01-6								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
42	hexachlorobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
43	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	36.596 mg/kg	0.00366 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
44	hexachloroethane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		200-666-4	67-72-1							
45	nitrosodipropylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
46	4-nitrophenol; p-nitrophenol				1.1 mg/kg		0.902 mg/kg	0.0000902 %	✓	
	609-015-00-2	202-811-7	100-02-7							
47	nitrobenzene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
48	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
49	2-nitrophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-857-5	88-75-5							
50	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
51	bis(2-chloroethoxy)methane				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		203-920-2	111-91-1							
52	2,4-dichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
53	dimethylnitrosoamine; N-nitrosodimethylamine				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-077-00-3	200-549-8	62-75-9							
54	4-chloroaniline				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
55	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
56	2-methyl naphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-078-3	91-57-6							
57	hexachlorocyclopentadiene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
58	2,4,6-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
59	2,4,5-trichlorophenol				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
60	2-chloronaphthalene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		202-079-9	91-58-7							
61	dimethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-011-6	131-11-3							
62	2,6-dinitrotoluene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
63	dibenzofuran				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-071-3	132-64-9							
64	4-chlorophenylphenylether				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		230-281-7	7005-72-3							
65	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
66	diethyl phthalate				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-550-6	84-66-2							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
67	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]		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
68	DNOC (ISO); 4,6-dinitro-o-cresol 609-020-00-X	208-601-1	534-52-1		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
69	azobenzene 611-001-00-6	203-102-5	103-33-3		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
70	4-bromophenylphenylether 202-952-4	101-55-3			<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
71	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
72	carbazole 201-696-0	86-74-8			<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
73	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		0.62	mg/kg		0.508	mg/kg	0.0000508 %	✓	
74	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
75	BBP; benzyl butyl phthalate 607-430-00-3	201-622-7	85-68-7		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
76	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9	204-211-0	117-81-7		1.1	mg/kg		0.902	mg/kg	0.0000902 %	✓	
77	di-n-octyl phthalate 204-214-7	117-84-0			<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
78	bromochloromethane 200-826-3	74-97-5			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
79	chloroform; trichloromethane 602-006-00-4	200-663-8	67-66-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
80	1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
81	1,1-dichloropropene 602-031-00-0	209-253-3	563-58-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
82	dichlorodifluoromethane 200-893-9	75-71-8			<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
83	1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
84	dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
85	bromodichloromethane 200-856-7	75-27-4			<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
86	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	trans-1,3-dichloropropene 431-460-4	10061-02-6			<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropane 205-531-3	142-28-9			<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
90	dibromochloromethane 204-704-0	124-48-1			<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	chloromethane; methyl chloride 602-001-00-7	200-817-4	74-87-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
92	1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
93	chlorobenzene 602-033-00-1	203-628-5	108-90-7		<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							
94	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
95	styrene	601-026-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
96	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
97	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
99	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	0.039 mg/kg		0.032 mg/kg	0.0000032 %	✓	
100	tert-butylbenzene	202-632-4	98-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	0.0036 mg/kg		0.0029 mg/kg	0.000000295 %	✓	
102	sec-butylbenzene	205-227-0	135-98-8		0.0038 mg/kg		0.0031 mg/kg	0.000000312 %	✓	
103	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
105	4-isopropyltoluene	202-796-7	99-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
106	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	n-butylbenzene	203-209-7	104-51-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
110	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
113	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
114	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
115	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
116	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
117	asbestos	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5	<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
118	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
119	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
120	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]									
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
121	cumene; [1] propylbenzene [2]									
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]		0.008 mg/kg		0.0065 mg/kg	0.000000656 %	✓	
122	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]									
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
Total:								0.177 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinands:

toluene: (conc.: 3.69e-07%)

ethylbenzene: (conc.: 1.48e-06%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.0656%)

xylene: (conc.: 0.00001%)

mesitylene; 1,3,5-trimethylbenzene: (conc.: 3.2e-06%)

1,2,4-trimethylbenzene: (conc.: 2.95e-07%)

sec-butylbenzene: (conc.: 3.12e-07%)

cumene; [1] propylbenzene [2]: (conc.: 6.56e-07%)

Classification of sample: TP113-810049-10/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:	
TP113-810049-10/04/2019-0.00	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)
0.00-2.20 m		
Moisture content:		
19%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				19 mg/kg	1.32	20.32	mg/kg	0.00203 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	boron { diboron trioxide; boric oxide }				2 mg/kg	3.22	5.216	mg/kg	0.000522 %	✓	
	005-008-00-8	215-125-8	1303-86-2								
3	cadmium { cadmium oxide }				0.48 mg/kg	1.142	0.444	mg/kg	0.0000444 %	✓	
	048-002-00-0	215-146-2	1306-19-0								
4	chromium in chromium(III) compounds { chromium(III) oxide }				23 mg/kg	1.462	27.229	mg/kg	0.00272 %	✓	
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
6	copper { dicopper oxide; copper (I) oxide }				120 mg/kg	1.126	109.436	mg/kg	0.0109 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
7	lead { lead chromate }			1	150 mg/kg	1.56	189.518	mg/kg	0.0121 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				4 mg/kg	1.353	4.385	mg/kg	0.000439 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel chromate }				30 mg/kg	2.976	72.323	mg/kg	0.00723 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.35 mg/kg	2.554	0.724	mg/kg	0.0000724 %	✓	
	034-002-00-8										
11	zinc { zinc chromate }				170 mg/kg	2.774	382	mg/kg	0.0382 %	✓	
	024-007-00-3										
12	TPH (C6 to C40) petroleum group				690 mg/kg		558.9	mg/kg	0.0559 %	✓	
			TPH								
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				0.0012 mg/kg		0.0009 mg/kg	0.000000097 %	✓	
	601-020-00-8	200-753-7	71-43-2							
15	toluene				0.0032 mg/kg		0.0025 mg/kg	0.000000259 %	✓	
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				0.003 mg/kg		0.0024 mg/kg	0.000000243 %	✓	
	601-023-00-4	202-849-4	100-41-4							
17	xylene				0.0119 mg/kg		0.0096 mg/kg	0.000000964 %	✓	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8.1 pH		8.1 pH	8.1 pH		
20	naphthalene				1.4 mg/kg		1.134 mg/kg	0.000113 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.92 mg/kg		0.745 mg/kg	0.0000745 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				4.1 mg/kg		3.321 mg/kg	0.000332 %	✓	
		201-469-6	83-32-9							
23	fluorene				3.4 mg/kg		2.754 mg/kg	0.000275 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				17 mg/kg		13.77 mg/kg	0.00138 %	✓	
		201-581-5	85-01-8							
25	anthracene				6.3 mg/kg		5.103 mg/kg	0.00051 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				21 mg/kg		17.01 mg/kg	0.0017 %	✓	
		205-912-4	206-44-0							
27	pyrene				19 mg/kg		15.39 mg/kg	0.00154 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				6.5 mg/kg		5.265 mg/kg	0.000527 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				6.7 mg/kg		5.427 mg/kg	0.000543 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				5.5 mg/kg		4.455 mg/kg	0.000445 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				2.4 mg/kg		1.944 mg/kg	0.000194 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				4.7 mg/kg		3.807 mg/kg	0.000381 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				3.1 mg/kg		2.511 mg/kg	0.000251 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.6 mg/kg		0.486 mg/kg	0.0000486 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				2.6 mg/kg		2.106 mg/kg	0.000211 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				34 mg/kg	1.785	49.164 mg/kg	0.00492 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.145 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinands:

benzene: (conc.: 9.72e-08%)
toluene: (conc.: 2.59e-07%)
ethylbenzene: (conc.: 2.43e-07%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.0559%)
xylene: (conc.: 9.64e-07%)

Classification of sample: TP114-810050-10/04/2019-0.10

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

Sample details

Sample Name:	LoW Code:	
TP114-810050-10/04/2019-0.10	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)
0.10-1.70 m		
Moisture content:		
18%		
(wet weight correction)		

Hazard properties

None identified

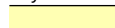
Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				19	mg/kg	1.32	20.571	mg/kg	0.00206 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.2	mg/kg	3.22	3.168	mg/kg	0.000317 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.64	mg/kg	1.142	0.599	mg/kg	0.0000599 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				25	mg/kg	1.462	29.962	mg/kg	0.003 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				65	mg/kg	1.126	60.01	mg/kg	0.006 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	200	mg/kg	1.56	255.81	mg/kg	0.0164 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				11	mg/kg	1.353	12.208	mg/kg	0.00122 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				30	mg/kg	2.976	73.216	mg/kg	0.00732 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.34	mg/kg	2.554	0.712	mg/kg	0.0000712 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				290	mg/kg	2.774	659.692	mg/kg	0.066 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				300	mg/kg		246	mg/kg	0.0246 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				0.0016 mg/kg		0.0013 mg/kg	0.000000131 %	✓	
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				0.0013 mg/kg		0.001 mg/kg	0.000000107 %	✓	
	601-023-00-4	202-849-4	100-41-4							
17	xylene				0.0056 mg/kg		0.0045 mg/kg	0.000000459 %	✓	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
20	naphthalene				1.3 mg/kg		1.066 mg/kg	0.000107 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.29 mg/kg		0.238 mg/kg	0.0000238 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				1.6 mg/kg		1.312 mg/kg	0.000131 %	✓	
		201-469-6	83-32-9							
23	fluorene				1.4 mg/kg		1.148 mg/kg	0.000115 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				11 mg/kg		9.02 mg/kg	0.000902 %	✓	
		201-581-5	85-01-8							
25	anthracene				3.1 mg/kg		2.542 mg/kg	0.000254 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				17 mg/kg		13.94 mg/kg	0.00139 %	✓	
		205-912-4	206-44-0							
27	pyrene				15 mg/kg		12.3 mg/kg	0.00123 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				6.7 mg/kg		5.494 mg/kg	0.000549 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				7.6 mg/kg		6.232 mg/kg	0.000623 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				8.2 mg/kg		6.724 mg/kg	0.000672 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				3.4 mg/kg		2.788 mg/kg	0.000279 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				6.9 mg/kg		5.658 mg/kg	0.000566 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				5.3 mg/kg		4.346 mg/kg	0.000435 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				1.2 mg/kg		0.984 mg/kg	0.0000984 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				4.1 mg/kg		3.362 mg/kg	0.000336 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				30 mg/kg	1.785	43.916 mg/kg	0.00439 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.14 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinands:

toluene: (conc.: 1.31e-07%)

ethylbenzene: (conc.: 1.07e-07%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.0246%)

xylene: (conc.: 4.59e-07%)

Classification of sample: TP115-810051-10/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:	
TP115-810051-10/04/2019-0.00	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)
0.00-1.90 m		
Moisture content:		
19%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				30 mg/kg	1.32	32.084 mg/kg	0.00321 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron { diboron trioxide; boric oxide }				1.4 mg/kg	3.22	3.651 mg/kg	0.000365 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium { cadmium oxide }				0.95 mg/kg	1.142	0.879 mg/kg	0.0000879 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }				32 mg/kg	1.462	37.884 mg/kg	0.00379 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
6	copper { dicopper oxide; copper (I) oxide }				1000 mg/kg	1.126	911.97 mg/kg	0.0912 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead { lead chromate }			1	220 mg/kg	1.56	277.959 mg/kg	0.0178 %	✓	
	082-004-00-2	231-846-0	7758-97-6							
8	mercury { mercury dichloride }				8.3 mg/kg	1.353	9.099 mg/kg	0.00091 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel chromate }				38 mg/kg	2.976	91.609 mg/kg	0.00916 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.51 mg/kg	2.554	1.055 mg/kg	0.000105 %	✓	
	034-002-00-8									
11	zinc { zinc chromate }				360 mg/kg	2.774	808.941 mg/kg	0.0809 %	✓	
	024-007-00-3									
12	TPH (C6 to C40) petroleum group				240 mg/kg		194.4 mg/kg	0.0194 %	✓	
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
19	pH				8.2 pH		8.2 pH	8.2 pH			
20	naphthalene				2.6 mg/kg		2.106 mg/kg	0.000211 %		✓	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				0.27 mg/kg		0.219 mg/kg	0.0000219 %		✓	
		205-917-1	208-96-8								
22	acenaphthene				2.7 mg/kg		2.187 mg/kg	0.000219 %		✓	
		201-469-6	83-32-9								
23	fluorene				1.7 mg/kg		1.377 mg/kg	0.000138 %		✓	
		201-695-5	86-73-7								
24	phenanthrene				14 mg/kg		11.34 mg/kg	0.00113 %		✓	
		201-581-5	85-01-8								
25	anthracene				3.9 mg/kg		3.159 mg/kg	0.000316 %		✓	
		204-371-1	120-12-7								
26	fluoranthene				19 mg/kg		15.39 mg/kg	0.00154 %		✓	
		205-912-4	206-44-0								
27	pyrene				17 mg/kg		13.77 mg/kg	0.00138 %		✓	
		204-927-3	129-00-0								
28	benzo[a]anthracene				7.5 mg/kg		6.075 mg/kg	0.000607 %		✓	
	601-033-00-9	200-280-6	56-55-3								
29	chrysene				8.2 mg/kg		6.642 mg/kg	0.000664 %		✓	
	601-048-00-0	205-923-4	218-01-9								
30	benzo[b]fluoranthene				9 mg/kg		7.29 mg/kg	0.000729 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				4 mg/kg		3.24 mg/kg	0.000324 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				7.2 mg/kg		5.832 mg/kg	0.000583 %		✓	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				5.9 mg/kg		4.779 mg/kg	0.000478 %		✓	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				1.1 mg/kg		0.891 mg/kg	0.0000891 %		✓	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				4.7 mg/kg		3.807 mg/kg	0.000381 %		✓	
		205-883-8	191-24-2								
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				35 mg/kg	1.785	50.61 mg/kg	0.00506 %		✓	
	023-001-00-8	215-239-8	1314-62-1								
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
Total:									0.242 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0194%)

Classification of sample: TP116-810052-10/04/2019-0.00

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

Sample details

Sample Name:	LoW Code:
TP116-810052-10/04/2019-0.00	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.00-2.40 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(wet weight correction)	

Hazard properties

None identified

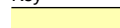
Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

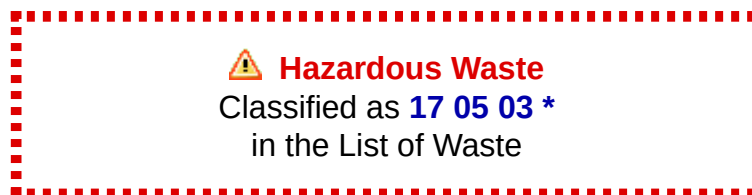
#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				21	mg/kg	1.32	22.181	mg/kg	0.00222 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				2.5	mg/kg	3.22	6.44	mg/kg	0.000644 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				1	mg/kg	1.142	0.914	mg/kg	0.0000914 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				29	mg/kg	1.462	33.908	mg/kg	0.00339 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				81	mg/kg	1.126	72.958	mg/kg	0.0073 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	210	mg/kg	1.56	262.049	mg/kg	0.0168 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.57	mg/kg	1.353	0.617	mg/kg	0.0000617 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				26	mg/kg	2.976	61.906	mg/kg	0.00619 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.39	mg/kg	2.554	0.797	mg/kg	0.0000797 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				260	mg/kg	2.774	577.022	mg/kg	0.0577 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
	006-007-00-5									
19	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
20	naphthalene				0.82 mg/kg		0.656 mg/kg	0.0000656 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.18 mg/kg		0.144 mg/kg	0.0000144 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				0.74 mg/kg		0.592 mg/kg	0.0000592 %	✓	
		201-469-6	83-32-9							
23	fluorene				0.55 mg/kg		0.44 mg/kg	0.000044 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				5.3 mg/kg		4.24 mg/kg	0.000424 %	✓	
		201-581-5	85-01-8							
25	anthracene				1.5 mg/kg		1.2 mg/kg	0.00012 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				7.9 mg/kg		6.32 mg/kg	0.000632 %	✓	
		205-912-4	206-44-0							
27	pyrene				6.8 mg/kg		5.44 mg/kg	0.000544 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				2.5 mg/kg		2 mg/kg	0.0002 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				2.9 mg/kg		2.32 mg/kg	0.000232 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				3.6 mg/kg		2.88 mg/kg	0.000288 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				1.4 mg/kg		1.12 mg/kg	0.000112 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				2.6 mg/kg		2.08 mg/kg	0.000208 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				2 mg/kg		1.6 mg/kg	0.00016 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.32 mg/kg		0.256 mg/kg	0.0000256 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				2 mg/kg		1.6 mg/kg	0.00016 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				27 mg/kg	1.785	38.56 mg/kg	0.00386 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				240 mg/kg		192 mg/kg	0.0192 %	✓	
	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							
Total:								0.122 %		

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: TP117-810053-10/04/2019-0.20



Sample details

Sample Name:	TP117-810053-10/04/2019-0.20	LoW Code:	
Sample Depth:	0.20-2.40 m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	17%	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
(wet weight correction)			

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

asbestos: (conc.: 0.556%)

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	21 mg/kg	1.32	23.013 mg/kg	0.0023 %	✓	
2	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2	2.5 mg/kg	3.22	6.681 mg/kg	0.000668 %	✓	
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.56 mg/kg	1.142	0.531 mg/kg	0.0000531 %	✓	
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9	27 mg/kg	1.462	32.753 mg/kg	0.00328 %	✓	
5	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	95 mg/kg	1.126	88.776 mg/kg	0.00888 %	✓	
7	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	500 mg/kg	1.56	647.323 mg/kg	0.0415 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.42 mg/kg	1.353	0.472 mg/kg	0.0000472 %	✓	
9	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7	28 mg/kg	2.976	69.168 mg/kg	0.00692 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			0.52 mg/kg	2.554	1.102 mg/kg	0.00011 %	✓	

#	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 chromate }				260	mg/kg	2.774	598.661	mg/kg	0.0599 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				95	mg/kg		78.85	mg/kg	0.00789 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
15	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
16	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
17	xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
19	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
20	naphthalene				0.52	mg/kg		0.432	mg/kg	0.0000432 %	✓	
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				0.14	mg/kg		0.116	mg/kg	0.0000116 %	✓	
		205-917-1	208-96-8									
22	acenaphthene				0.36	mg/kg		0.299	mg/kg	0.0000299 %	✓	
		201-469-6	83-32-9									
23	fluorene				0.33	mg/kg		0.274	mg/kg	0.0000274 %	✓	
		201-695-5	86-73-7									
24	phenanthrene				3.1	mg/kg		2.573	mg/kg	0.000257 %	✓	
		201-581-5	85-01-8									
25	anthracene				0.87	mg/kg		0.722	mg/kg	0.0000722 %	✓	
		204-371-1	120-12-7									
26	fluoranthene				5.1	mg/kg		4.233	mg/kg	0.000423 %	✓	
		205-912-4	206-44-0									
27	pyrene				5	mg/kg		4.15	mg/kg	0.000415 %	✓	
		204-927-3	129-00-0									
28	benzo[a]anthracene				1.7	mg/kg		1.411	mg/kg	0.000141 %	✓	
	601-033-00-9	200-280-6	56-55-3									
29	chrysene				2.2	mg/kg		1.826	mg/kg	0.000183 %	✓	
	601-048-00-0	205-923-4	218-01-9									
30	benzo[b]fluoranthene				2.8	mg/kg		2.324	mg/kg	0.000232 %	✓	
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				0.94	mg/kg		0.78	mg/kg	0.000078 %	✓	
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				2	mg/kg		1.66	mg/kg	0.000166 %	✓	
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				1.6	mg/kg		1.328	mg/kg	0.000133 %	✓	
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				0.18	mg/kg		0.149	mg/kg	0.0000149 %	✓	
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				1.6	mg/kg		1.328	mg/kg	0.000133 %	✓	
		205-883-8	191-24-2									
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	41.488	mg/kg	0.00415 %	✓	
	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							
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							
Total:								0.694 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

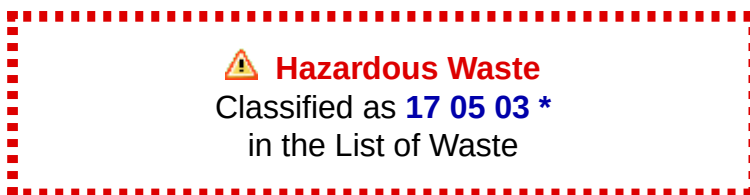
Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00789%)

Classification of sample: TP118-810054-10/04/2019-0.10



Sample details

Sample Name:	LoW Code:
TP118-810054-10/04/2019-0.10	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.10-1.80 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
12%	
(wet weight correction)	

Hazard properties

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

Force this Hazardous property to hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.194%)

HP 5: Specific Target Organ Toxicity (STOT)/Aspiration Toxicity "waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration"

Hazard Statements hit:

STOT RE 1; H372 "Causes damage to organs [or state all organs affected, if known] through prolonged or repeated exposure [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

asbestos: (conc.: 5.016%)

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

Hazard Statements hit:

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

Because of determinand:

asbestos: (conc.: 5.016%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.194%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.194%)

Determinands

Moisture content: 12% Wet Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				22	mg/kg	1.32	25.561	mg/kg	0.00256 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		boron { diboron trioxide; boric oxide }				1.2	mg/kg	3.22	3.4	mg/kg	0.00034 %	✓	
		005-008-00-8	215-125-8	1303-86-2									
3		cadmium { cadmium oxide }				0.77	mg/kg	1.142	0.774	mg/kg	0.0000774 %	✓	
		048-002-00-0	215-146-2	1306-19-0									
4		chromium in chromium(III) compounds { chromium(III) oxide }				23	mg/kg	1.462	29.582	mg/kg	0.00296 %	✓	
			215-160-9	1308-38-9									
5		chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
		024-001-00-0	215-607-8	1333-82-0									
6		copper { dicopper oxide; copper (I) oxide }				75	mg/kg	1.126	74.309	mg/kg	0.00743 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
7		lead { lead chromate }			1	240	mg/kg	1.56	329.433	mg/kg	0.0211 %	✓	
		082-004-00-2	231-846-0	7758-97-6									
8		mercury { mercury dichloride }				4.5	mg/kg	1.353	5.36	mg/kg	0.000536 %	✓	
		080-010-00-X	231-299-8	7487-94-7									
9		nickel { nickel chromate }				27	mg/kg	2.976	70.716	mg/kg	0.00707 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
		034-002-00-8											
11		zinc { zinc chromate }				240	mg/kg	2.774	585.9	mg/kg	0.0586 %	✓	
		024-007-00-3											
12		TPH (C6 to C40) petroleum group				2200	mg/kg		1936	mg/kg	0.194 %	✓	
				TPH									
13		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
14		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
15		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
16		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		xylene				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
18		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
19		pH				9.3	pH		9.3	pH	9.3 pH		
				PH									
20		naphthalene				26	mg/kg		22.88	mg/kg	0.00229 %	✓	
		601-052-00-2	202-049-5	91-20-3									
21		acenaphthylene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
			205-917-1	208-96-8									
22		acenaphthene				1.7	mg/kg		1.496	mg/kg	0.00015 %	✓	
			201-469-6	83-32-9									
23		fluorene				1.3	mg/kg		1.144	mg/kg	0.000114 %	✓	
			201-695-5	86-73-7									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
24	phenanthrene	201-581-5	85-01-8		9.7	mg/kg		8.536	mg/kg	0.000854 %	✓	
25	anthracene	204-371-1	120-12-7		3	mg/kg		2.64	mg/kg	0.000264 %	✓	
26	fluoranthene	205-912-4	206-44-0		11	mg/kg		9.68	mg/kg	0.000968 %	✓	
27	pyrene	204-927-3	129-00-0		8.8	mg/kg		7.744	mg/kg	0.000774 %	✓	
28	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	4.6	mg/kg		4.048	mg/kg	0.000405 %	✓	
29	chrysene	601-048-00-0	205-923-4	218-01-9	4.2	mg/kg		3.696	mg/kg	0.00037 %	✓	
30	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	4.9	mg/kg		4.312	mg/kg	0.000431 %	✓	
31	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	1.8	mg/kg		1.584	mg/kg	0.000158 %	✓	
32	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	3.8	mg/kg		3.344	mg/kg	0.000334 %	✓	
33	indeno[123-cd]pyrene	205-893-2	193-39-5		2.1	mg/kg		1.848	mg/kg	0.000185 %	✓	
34	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
35	benzo[ghi]perylene	205-883-8	191-24-2		2.4	mg/kg		2.112	mg/kg	0.000211 %	✓	
36	phenol	604-001-00-2	203-632-7	108-95-2	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
37	1,1-dichloroethane and 1,2-dichloroethane (combined)	203-458-1, 200-863-5	107-06-2, 75-34-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
38	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
39	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
40	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
41	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
42	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
43	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	27	mg/kg	1.785	42.416	mg/kg	0.00424 %	✓	
44	hexachloroethane	200-666-4	67-72-1		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
45	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
46	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	3.8	mg/kg		3.344	mg/kg	0.000334 %	✓	
47	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
48	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0	78-59-1	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
49	2-nitrophenol	201-857-5	88-75-5		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
50	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<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							
		215-089-3 [6] 276-245-4 [7]								
51	• bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
52	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
53	dimethylnitrosoamine; N-nitrosodimethylamine	612-077-00-3	200-549-8	62-75-9	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
54	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
55	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
56	• 2-methyl naphthalene	202-078-3	91-57-6		22 mg/kg		19.36 mg/kg	0.00194 %	✓	
57	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
58	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
59	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
60	• 2-chloronaphthalene	202-079-9	91-58-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
61	• dimethyl phthalate	205-011-6	131-11-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
62	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
63	• dibenzofuran	205-071-3	132-64-9		0.79 mg/kg		0.695 mg/kg	0.0000695 %	✓	
64	• 4-chlorophenylphenylether	230-281-7	7005-72-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
65	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
66	• diethyl phthalate	201-550-6	84-66-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
67	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]	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
68	DNOC (ISO); 4,6-dinitro-o-cresol	609-020-00-X	208-601-1	534-52-1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
69	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
70	• 4-bromophenylphenylether	202-952-4	101-55-3		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
71	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
72	• carbazole	201-696-0	86-74-8		0.97 mg/kg		0.854 mg/kg	0.0000854 %	✓	
73	diethyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	4.6 mg/kg		4.048 mg/kg	0.000405 %	✓	
74	bis(2-chloroethyl) ether	603-029-00-2	203-870-1	111-44-4	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
75	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
76	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	3.8 mg/kg		3.344 mg/kg	0.000334 %	✓	

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
77	di-n-octyl phthalate	204-214-7	117-84-0		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
78	bromochloromethane	200-826-3	74-97-5		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
79	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
80	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
81	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
82	dichlorodifluoromethane	200-893-9	75-71-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
83	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
84	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
85	bromodichloromethane	200-856-7	75-27-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
86	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropane	205-531-3	142-28-9		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
90	dibromochloromethane	204-704-0	124-48-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
92	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
93	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
94	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
95	styrene	601-026-00-0	202-851-5	100-42-5	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
96	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
97	bromobenzene	602-060-00-9	203-623-8	108-86-1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
98	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
99	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
100	tert-butylbenzene	202-632-4	98-06-6		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
101	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
102	sec-butylbenzene	205-227-0	135-98-8		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
103	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
104	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
105	4-isopropyltoluene	202-796-7	99-87-6		<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							
106	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
107	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
108	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
109	1,2-dibromo-3-chloropropane				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
110	1,2,4-trichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
111	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
112	1,2,3-trichlorobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		201-757-1	87-61-6							
113	carbon disulphide				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
114	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
115	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
116	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
117	asbestos				57000 mg/kg		50160 mg/kg	5.016 %	✓	
	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							
118	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
119	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<1.5 mg/kg		<1.5 mg/kg	<0.00015 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
120	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
121	cumene; [1] propylbenzene [2]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
122	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
Total:								5.327 %		

Key

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

Classification of sample: TP119-810055-10/04/2019-0.00



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

Sample details

Sample Name:	LoW Code:	
TP119-810055-10/04/2019-0.00	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)
0.00-2.30 m		
Moisture content:		
18%		
(wet weight correction)		

Hazard properties

None identified

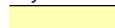
Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	21.653	mg/kg	0.00217 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.3	mg/kg	3.22	3.432	mg/kg	0.000343 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.49	mg/kg	1.142	0.459	mg/kg	0.0000459 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide }				20	mg/kg	1.462	23.97	mg/kg	0.0024 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
6	copper { dicopper oxide; copper (I) oxide }				66	mg/kg	1.126	60.933	mg/kg	0.00609 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	140	mg/kg	1.56	179.067	mg/kg	0.0115 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				8.3	mg/kg	1.353	9.212	mg/kg	0.000921 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				22	mg/kg	2.976	53.692	mg/kg	0.00537 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.3	mg/kg	2.554	0.628	mg/kg	0.0000628 %	✓	
	034-002-00-8											
11	zinc { zinc chromate }				140	mg/kg	2.774	318.472	mg/kg	0.0318 %	✓	
	024-007-00-3											
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				0.023 mg/kg		0.0189 mg/kg	0.00000189 %	✓	
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				0.021 mg/kg		0.0172 mg/kg	0.00000172 %	✓	
	601-023-00-4	202-849-4	100-41-4							
17	xylene				0.075 mg/kg		0.0615 mg/kg	0.00000615 %	✓	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.7 mg/kg	1.884	1.081 mg/kg	0.000108 %	✓	
	006-007-00-5									
19	pH				9.4 pH		9.4 pH	9.4 pH		
			PH							
20	naphthalene				0.93 mg/kg		0.763 mg/kg	0.0000763 %	✓	
	601-052-00-2	202-049-5	91-20-3							
21	acenaphthylene				0.16 mg/kg		0.131 mg/kg	0.0000131 %	✓	
		205-917-1	208-96-8							
22	acenaphthene				0.98 mg/kg		0.804 mg/kg	0.0000804 %	✓	
		201-469-6	83-32-9							
23	fluorene				0.75 mg/kg		0.615 mg/kg	0.0000615 %	✓	
		201-695-5	86-73-7							
24	phenanthrene				6.5 mg/kg		5.33 mg/kg	0.000533 %	✓	
		201-581-5	85-01-8							
25	anthracene				2.2 mg/kg		1.804 mg/kg	0.00018 %	✓	
		204-371-1	120-12-7							
26	fluoranthene				10 mg/kg		8.2 mg/kg	0.00082 %	✓	
		205-912-4	206-44-0							
27	pyrene				9.1 mg/kg		7.462 mg/kg	0.000746 %	✓	
		204-927-3	129-00-0							
28	benzo[a]anthracene				4.2 mg/kg		3.444 mg/kg	0.000344 %	✓	
	601-033-00-9	200-280-6	56-55-3							
29	chrysene				4.4 mg/kg		3.608 mg/kg	0.000361 %	✓	
	601-048-00-0	205-923-4	218-01-9							
30	benzo[b]fluoranthene				4.6 mg/kg		3.772 mg/kg	0.000377 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				2.2 mg/kg		1.804 mg/kg	0.00018 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				4 mg/kg		3.28 mg/kg	0.000328 %	✓	
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				3.3 mg/kg		2.706 mg/kg	0.000271 %	✓	
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.46 mg/kg		0.377 mg/kg	0.0000377 %	✓	
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				2.6 mg/kg		2.132 mg/kg	0.000213 %	✓	
		205-883-8	191-24-2							
36	vanadium { divanadium pentaoxide; vanadium pentoxide }				23 mg/kg	1.785	33.669 mg/kg	0.00337 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
37	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
Total:								0.0709 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be flammable at concentrations <1000mg/kg

Hazard Statements hit:

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

Because of determinands:

toluene: (conc.: 1.89e-06%)

ethylbenzene: (conc.: 1.72e-06%)

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

Because of determinand:

xylene: (conc.: 6.15e-06%)

Appendix A: Classifier defined and non CLP determinands

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

Conversion factor: 1.462

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 , Repr. 1B H360FD , Skin Sens. 1 H317 , Resp. Sens. 1 H334 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302 , Acute Tox. 4 H332

■ **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

■ **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: 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

■ **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane

Data source: N/A

Data source date: 14 Oct 2016

Hazard Statements: Aquatic Chronic 3 H412 , Carc. 1B H350 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Acute Tox. 4 H302 , Flam. Liq. 2 H225

■ **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

■ **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

■ **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

▪ **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

▪ **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

▪ **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

▪ **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

▪ **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

▪ **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

▪ **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

▪ **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

▪ **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

▪ **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

• **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

• **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

• **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

• **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

• **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

• **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

• **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

• **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

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 2 H411 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Asp. Tox. 1 H304 , Flam. Liq. 3 H226

• **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

▪ **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

▪ **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

▪ **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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

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

boron {diboron trioxide; boric oxide}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass (edit as required)

cadmium {cadmium oxide}

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

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

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

chromium in chromium(VI) compounds {chromium(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight. Industrial sources include: production stainless steel, electroplating, wood preservation, anti-corrosion agents or coatings, pigments (edit as required)

copper {dicopper oxide; copper (I) oxide}

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

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

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. (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

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: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

vanadium {divanadium pentaoxide; vanadium pentoxide}

worst case/most likely scenario

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2019.115.3847.7849 (25 Apr 2019)

HazWasteOnline Database: 2019.115.3847.7849 (25 Apr 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

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