



APPENDIX 3 - Exploratory Hole Logs



GROUNDTECH
CONSULTING

Borehole Log

Borehole No.

WS01

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346013.31 - 391913.62

Hole Type
WS

Location: PRESCOT

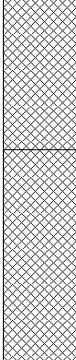
Level: 43.13

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	ES	N=50 (5,7/50 for 285mm)	0.50	42.63		MADE GROUND: Brown sandy angular to subangular fine to coarse gravel of brick, concrete and cement. Sand is fine to coarse.	1
		0.70	ES		MADE GROUND: Stiff brown slightly sandy gravelly clay. Gravel is angular to subangular fine to coarse of brick. Sand is fine to coarse.				
		1.00				1.20	41.93		
									2
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered 4. Borehole terminated at 1.2m bgl due to obstruction. 5. Borehole backfilled with arisings.





GROUNDTECH
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Borehole Log

Borehole No.

WS01A

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346013.31 - 391913.62

Hole Type
WS

Location: PRESCOT

Level: 43.13

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50	42.63		MADE GROUND: Brown sandy angular to subangular fine to coarse gravel of brick, concrete and cement. Sand is fine to coarse.	
								----- End of borehole at 0.50 m	
									1
									2
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 0.5m bgl. 3. No groundwater encountered. 4. Borehole terminated at 0.5m bgl due to obstruction. 5. Borehole backfilled with arisings.





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Borehole Log

Borehole No.

WS02

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346026.50 - 391955.20

Hole Type
WS

Location: PRESCOT

Level: 44.15

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	ES		0.50	43.65		MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick and cement.	
		0.80	ES					MADE GROUND: Stiff grey slightly sandy gravelly clay. Gravel is subangular to subrounded fine to coarse of sandstone and coal.	
		1.00		N=50 (2,4/50 for 155mm)	1.00	43.15		----- End of borehole at 1.00 m	1
									2
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.0m bgl. 3. No groundwater encountered. 4. Borehole terminated at 1.0m bgl due to obstruction. 5. Monitoring standpipe installed to 1.0m bgl (0.5m plain, 0.5m slotted).





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Borehole Log

Borehole No.

WS03

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346080.91 - 391946.19

Hole Type
WS

Location: PRESCOT

Level: 44.18

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20	43.98		MADE GROUND: Brown slightly gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick.	
		0.30	ES		0.40	43.78		MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick and ceramic.	
		0.50	ES					MADE GROUND: Stiff dark grey slightly sandy gravelly clay. Gravel is subangular to subrounded fine to coarse of brick, coal and concrete. Sand is fine to coarse.	
		0.60	ES		0.60	43.58			
		0.60		N=50 (25 for 105mm/50 for 285mm)				End of borehole at 0.60 m	

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 0.6m bgl. 3. No groundwater encountered. 4. Borehole terminated at 0.6m bgl due to obstruction. 5. Borehole backfilled with arisings.





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Borehole Log

Borehole No.

WS03A

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346080.91 - 391946.19

Hole Type
WS

Location: PRESCOT

Level: 44.18

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
					0.10	44.08		MADE GROUND: Brown slightly gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick.	1	
		0.30	ES					MADE GROUND: Light grey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick and concrete.		
		0.50			0.50	43.68		MADE GROUND: Brown slightly gravelly very clayey fine to coarse sand. Gravel is subangular to subrounded fine to medium of brick and coal.		
		0.70	ES							
		1.00		N=8 (2,2/2,2,2,2)				Firm orange brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of brick and coal.	2	
		1.10			1.10	43.08				
		1.30	ES							
		1.80	D							
		2.00		N=8 (1,1/2,2,2,2)						
		2.80	D							
		3.00		N=17 (2,3/3,4,5,5)						
		3.70	D							
		4.00		N=20 (4,4/4,6,5,5)	4.00	40.18		No return.	4	
					5.00	39.18	End of borehole at 5.00 m			5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Borehole terminated at 5.0m bgl due to SPT refusal. 5. Borehole collapsed from 5m bgl to 4m bgl. 6. Monitoring standpipe installed to 4.0m bgl (1m plain, 3m slotted).





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Borehole Log

Borehole No.

WS04

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346089.10 - 391960.35

Hole Type
WS

Location: PRESCOT

Level: 44.20

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.00		N=7 (2,2/1,2,2,2)	0.60	43.60		MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick and concrete.	1
					1.60	42.60		MADE GROUND: Brown gravelly clayey fine to coarse sand. Gravel is subangular fine to medium of brick and concrete.	
								End of borehole at 1.60 m	2
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Borehole terminated at 1.6m bgl due to obstruction. 5. Backfilled with arisings.





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Borehole Log

Borehole No.

WS05

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346032.22 - 391975.14

Hole Type
WS

Location: PRESCOT

Level: 44.03

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10			0.10	43.93		MADE GROUND: Brown slightly clayey slightly gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse.	
		0.50	ES					MADE GROUND: Firm brown slightly sandy gravelly clay. Gravel is angular to subangular fine to coarse of brick sandstone and coal. Sand is fine to coarse.	
		1.00		N=12 (3,3/3,3,3,3)	1.00	43.03		MADE GROUND: Stiff orange brown slightly sandy gravelly clay. Gravel is angular to subangular fine to medium of brick, sandstone, coal and cement. Sand is fine to coarse.	
		1.80			1.80	42.23		MADE GROUND: Brown slightly gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of clinker and ash.	
		2.00		N=0 (2,1/0,0,0,0)					2
		3.00		N=0 (0,0/0,0,0,0)	3.00	41.03		End of borehole at 3.00 m	
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Borehole terminated at 3.0m bgl due to obstruction. 5. Monitoring standpipe installed to 3.0m bgl (1m plain, 2m slotted).





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Borehole Log

Borehole No.

WS06

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346076.93 - 391999.33

Hole Type
WS

Location: PRESCOT

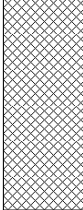
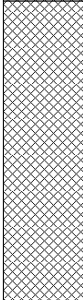
Level: 42.35

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.30	ES	N=5 (2,1/2,1,1,1)	0.70	41.65		MADE GROUND: Brown gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick and clinker.	1	
								<u>Becoming clayey at 0.5m bgl.</u>		
		0.90 1.00	ES					MADE GROUND: Firm brown slightly sandy gravelly clay. Gravel is angular to subangular fine to coarse of brick, concrete and cement. Sand is fine to coarse.		
		1.60	ES	N=12 (1,2/1,1,4,6)	1.50	40.85		MADE GROUND: Soft brown slightly sandy gravelly clay. Gravel is subangular fine to coarse of brick and concrete. Sand is fine to coarse.	2	
		2.00 2.20	ES							
						2.50	39.85			End of borehole at 2.50 m
										4
										5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Borehole terminated at 2.5m bgl due to obstruction. 5. Borehole backfilled with arisings.





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Borehole Log

Borehole No.

WS07

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346103.62 - 392033.01

Hole Type
WS

Location: PRESCOT

Level: 42.55

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES		0.40	42.15		MADE GROUND: Grey slightly clayey gravelly fine to coarse sand. Gravel is angular fine to coarse of brick, ceramics and glass.	1
		0.70	ES					MADE GROUND: Dark brown slightly gravelly very clayey fine to coarse sand. Gravel is angular fine to medium of brick, ceramics, concrete and glass.	
		1.00		N=14 (1,3/3,1,4,6)	1.20	41.35		End of borehole at 1.20 m	
									2
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Borehole terminated at 1.2m bgl due to obstruction. 5. Monitoring standpipe installed to 1.0m bgl (0.5m plain, 0.5m slotted).





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Borehole Log

Borehole No.

WS08

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346083.13 - 392053.42

Hole Type
WS

Location: PRESCOT

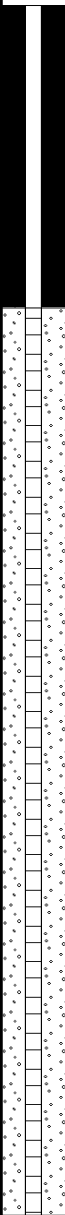
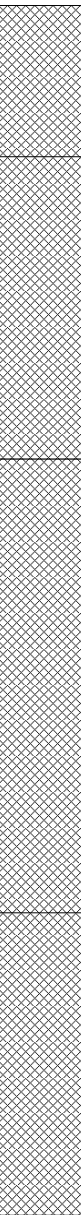
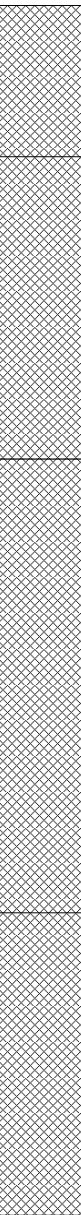
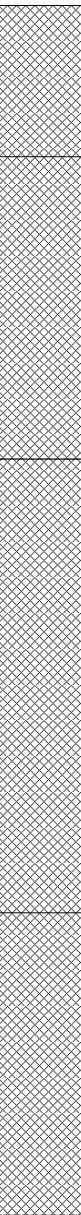
Level: 42.30

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES	N=0 (3,0/0,0,0,0)	0.50	41.80		MADE GROUND: Light grey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick and concrete.	1
		0.80	ES					MADE GROUND: Dark brown slightly gravelly clayey fine to coarse sand. Gravel is subangular fine to coarse of brick, cement and concrete.	
		1.00 1.00	D						
				N=0 (0,0/0,0,0,0)	1.50	40.80		MADE GROUND: Soft black gravelly clay. Gravel is angular fine to medium of coal. (Strong hydrocarbon odour).	2
		1.80	ES						
		2.00 2.00	D						
		2.30	ES						
				N=0 (0,0/0,0,0,0)	3.00	39.30		MADE GROUND: Soft to firm brown sandy clay. Sand is fine to coarse. (Strong hydrocarbon odour).	3
		2.80	ES						
		3.00 3.20	ES						
					4.00	38.30		End of borehole at 4.00 m	4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Borehole terminated at 4.0m bgl due to SPT refusal. 5. Monitoring standpipe installed to 4.0m bgl (1m plain, 3m slotted).





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Borehole Log

Borehole No.

WS09

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346128.75 - 392017.94

Hole Type
WS

Location: PRESCOT

Level: 43.00

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	ES					MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick, ceramic and concrete.	
		0.90 1.00	ES	N=7 (1,1/3,2,1,1)	0.80	42.20		MADE GROUND: Firm brown slightly sandy gravelly clay. Gravel is subangular to subrounded fine to coarse of sandstone, brick and coal. Sand is fine to coarse.	1
		2.00		N=11 (4,4/4,4,2,1)	2.20	40.80		MADE GROUND: Black slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of sandstone and coal. (Strong hydrocarbon odour).	2
		2.50	ES						
		2.80		N=50 (25 for 5mm/50 for 5mm)	3.00	40.00		End of borehole at 3.00 m	3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Hole terminated at 3.0m bgl due to obstruction. 5. Monitoring standpipe installed to 3.0m bgl (1m plain, 2m slotted).





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Borehole Log

Borehole No.

WS10

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346168.28 - 392058.83

Hole Type
WS

Location: PRESCOT

Level: 43.80

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.00		N=50 (25 for 10mm/50 for 10mm)	0.40	43.40		MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of brick, ceramic, concrete and cement.	1
					1.00	42.80		MADE GROUND: Soft brown slightly sandy gravelly clay. Gravel is angular to subangular fine to coarse of brick, concrete and cement. Sand is fine to coarse.	
End of borehole at 1.00 m									2
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated pit to 1.0m bgl. 3. No groundwater encountered. 4. Borehole terminated at 1.0m bgl due to obstruction. 5. Borehole backfilled with arisings.





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Borehole Log

Borehole No.

WS11

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346132.12 - 392081.63

Hole Type
WS

Location: PRESCOT

Level: 42.68

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.30	ES	N=8 (4,4/5,1,1,1)	0.40	42.28		MADE GROUND: Brown slightly clayey slightly gravelly sand. Gravel is angular to subangular fine to coarse of brick, plastic and ceramic. Sand is fine to coarse.	1	
		0.60	ES			MADE GROUND: Soft brown slightly sandy gravelly clay. Gravel is subangular fine to coarse of brick, sandstone and concrete. Sand is fine to coarse.				
		1.00				1.40	41.28			MADE GROUND: Soft grey slightly gravelly sandy clay. Gravel is subrounded fine to coarse of sandstone. Sand is fine to coarse.
		1.70	ES	2.00	40.68		Soft orange brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. Sand is fine to coarse.		2	
		2.00		2.50 - 3.00	U		N=9 (2,2/2,2,2,3)			
		3.00								
				4.00	38.68		End of borehole at 4.00 m	4		
										5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. No groundwater encountered. 4. Borehole terminated at 4.0m bgl due to SPT refusal. 5. Monitoring standpipe installed to 4.0m bgl (1m plain, 3m slotted).





GROUNDTECH
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Borehole Log

Borehole No.

WS12

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 34627.11 - 392119.15

Hole Type
WS

Location: PRESCOT

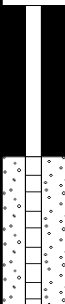
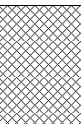
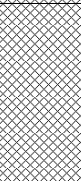
Level: 42.54

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Dates: 08/06/2023 -

Logged By
AJ

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20	ES		0.40	42.14		MADE GROUND: Brown slightly gravelly fine to coarse sand. Gravel is angular to subangular fine to medium of brick, plastic and ceramics.	
		0.60	ES					MADE GROUND: Soft orange brown slightly sandy gravelly clay. Gravel is angular fine to coarse of brick. Sand is fine to coarse.	
		1.00 1.00	D	N=50 (25 for 105mm/50 for 10mm)	1.00	41.54		End of borehole at 1.00 m	1
									2
									3
									4
									5

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.0m bgl. 3. No groundwater encountered. 4. Borehole terminated at 1.0m bgl due to obstruction. 5. Monitoring standpipe installed to 1.0m bgl (0.5m plain, 0.5m slotted).



Trial Pit Log

Trialpit No

TT01

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346051.47 - 392008.90
Level:

Date
10/07/2023

Location: PRESCOT

Dimensions (m):

8

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Depth
2.60

Logged
EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Dark brown very gravelly fine to coarse sand with moderate cobble content of brick and concrete. Gravel is subangular to subrounded fine to coarse of brick, concrete and metal.	1
	1.00	ES						
				1.40			MADE GROUND: Light grey concrete cap.	2
				2.20			MADE GROUND: Light brown very sandy subangular to subrounded fine to coarse gravel of brick, concrete, limestone and chert. Sand is fine to coarse.	
	2.40	ES		2.60			End of pit at 2.60 m	3
								4
								5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Concrete mine shaft cap encountered at 1.40m bgl. 3. Concrete cap 0.80m thick and 6.80m x 6.80m. 4. No groundwater encountered. 5. Trench backfilled with arisings.

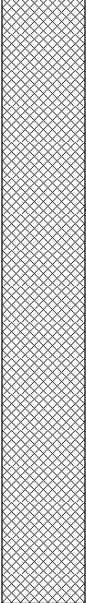
Stability:



Trial Pit Log

Trialpit No
TT02
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 349125.19 - 391955.18 Level:	Date 10/07/2023
Location: PRESCOT		Dimensions (m): Depth 2.20	Scale 1:25 Logged EW
Client: PARTNER CONSTRUCTION LTD		7.88 1.08	

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Dark brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, plastic and metal.	
							Becoming clayey at 0.7m bgl.	1
	1.50	ES						
	2.10	ES		2.00			Soft light brown grey sandy CLAY. Sand is fine to coarse.	2
				2.20			End of pit at 2.20 m	
								3
								4
								5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trial trench terminated at 2.20m bgl due to water pipe. 3. No groundwater encountered 4. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TT03

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346127.03 - 391959.08
Level:

Date
10/07/2023

Location: PRESCOT

Dimensions (m):

4.8

Depth
4.70

0.89

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Dark brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, clay, plastic, metal, sandstone and glass.	
							<i>Becoming clayey at 0.8m bgl.</i>	1
	1.50	ES						2
				2.10			MADE GROUND: Light brown orange slightly clayey sandy subangular to subrounded fine to coarse gravel of brick, concrete, glass and sandstone. Sand is fine to coarse.	
	2.50	ES						3
				3.40			Firm to stiff light brown slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of sandstone and chert. Sand is fine to coarse.	
	3.50	ES						4
				4.70			End of pit at 4.70 m	5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trial trench excavated to 4.8m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No
TT04
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346126.16 - 391956.99	Date 11/07/2023
Location: PRESCOT	Dimensions (m): Depth 4.30		Scale 1:25
Client: PARTNER CONSTRUCTION LTD	Level: 4.43		Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Dark brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of glass, plastic, brick, concrete and metal.	
	1.50	ES					Becoming clayey at 0.9m bgl.	1
	2.50	ES		2.30			Firm light brown orange slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of sandstone and chert. Sand is fine to coarse.	2
				4.30			End of pit at 4.30 m	3
								4
								5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trial trench excavated to 4.3m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No
TT05
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346120.00 - 391953.56 Level:	Date 11/07/2023
Location: PRESCOT		Dimensions (m): Depth 4.30	Scale 1:25 Logged EW
Client: PARTNER CONSTRUCTION LTD		5.67 1.11	

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Dark brown gravelly fine to coarse sand. Gravel is subangular fine to coarse of glass, plastic, brick and concrete.	1
				1.50			Becoming clayey at 1.2m bgl.	
	2.00	ES					Firm light brown orange slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of sandstone and chert. Sand is fine to coarse.	2
								3
								4
				4.30			End of pit at 4.30 m	5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trial trench excavated to 4.8m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TT06

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346123.06 - 391960.11
Level:

Date
11/07/2023

Location: PRESCOT

Dimensions (m):

4.65

Depth
5.10

1.18

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Dark brown gravelly fine to coarse sand. Gravel is subangular fine to coarse of plastic, brick and concrete.	1
	1.20	ES					Becoming clayey at 1.5m bgl.	
				1.80			Firm light brown orange slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of sandstone and chert. Sand is fine to coarse.	2
								3
								4
								5

Continued on next sheet

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trial trench excavated to 5.1m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TT07

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346058.70 - 391916.83
Level:

Date
11/07/2023

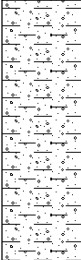
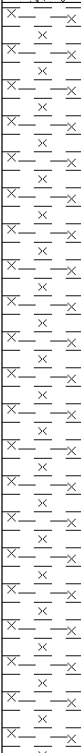
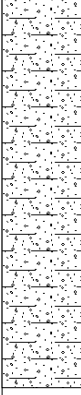
Location: PRESCOT

Dimensions (m): 4.89
Depth 5.40

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.30			MADE GROUND: Dark brown slightly clayey very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, wood, limestone and chert.	
	1.00	ES		1.20			Firm light brown grey slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.	1
							Firm to stiff brown orange sandy CLAY. Sand is fine to coarse.	2
	4.00	ES		3.70			Dark brown grey slightly gravelly clayey fine to coarse SAND. Gravel is subrounded fine to medium of sandstone.	4
							Continued on next sheet	5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Water pipe identified at 1.8m bgl. 3. Trial trench excavated to 4.8m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:





Trialpit No

TT07

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords:	346058.70 - 391916.83
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Level:

Date

11/07/2023

Location: PRESCOT

Dimensions
(m):

4.89

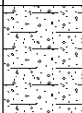
Depth
5.40

1.22

Scale
1:25

Logged
FW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				5.40			End of pit at 5.40 m	

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Water pipe identified at 1.8m bgl. 3. Trial trench excavated to 4.8m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TT08

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346053.94 - 391917.60
Level:

Date
11/07/2023

Location: PRESCOT

Dimensions (m):

1.55

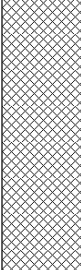
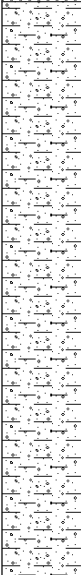
Depth
4.30

1.16

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES		0.90			MADE GROUND: Dark brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, chert, limestone, plastic and glass. <u>Becoming clayey at 0.8m bgl.</u>	
	2.50	ES		2.80			Firm light brown orange slightly sandy slightly gravelly CLAY. Gravel is subrounded fine to medium of sandstone and chert. Sand is fine to coarse.	1
	3.50	ES		4.30			Dark brown grey slightly gravelly clayey fine to coarse SAND. Gravel is subrounded fine to medium of sandstone and chert.	3
							End of pit at 4.30 m	4
								5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trial trench excavated to 4.3m bgl. 3. No groundwater encountered. 4. Trial trench collapsed at 2.4m bgl. 5. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No
TT09
Sheet 1 of 2

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346057.54 - 391914.38	Date 11/07/2023
Location: PRESCOT	Client: PARTNER CONSTRUCTION LTD	Dimensions (m): Depth 5.90 3.98 1.22	Scale 1:25 Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES					MADE GROUND: Dark brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, plastic and chert.	1
	1.50	ES		1.90			MADE GROUND: Light brown orange slightly clayey sandy subangular to subrounded fine to coarse gravel of brick, concrete, glass and sandstone. Sand is fine to coarse.	2
				4.30			Firm light grey orange slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone.	3
								4
								5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 4.4m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:





Trialpit No

TT09

Sheet 2 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords:	346057.54 - 391914.38
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Date _____

Level:

11/07/2023

Location: PRESCOT

Dimensions
(m):

3.98

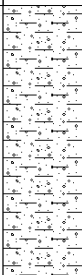
1.22

Client: PARTNER CONSTRUCTION LTD

Depth
5.90

Scale
1:25

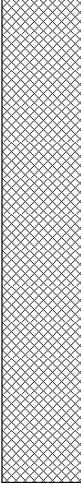
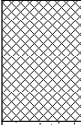
Logged
FW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				5.90			End of pit at 5.90 m	6
								7
								8
								9
								10

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 4.4m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:



				Trial Pit Log			Trialpit No TT10 Sheet 1 of 1			
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346054.52 - 391912.73 Level:		Date 11/07/2023		
Location: PRESCOT				Dimensions (m): Depth 4.30		417 1.28		Scale 1:25 Logged EW		
Client: PARTNER CONSTRUCTION LTD										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.30	ES					MADE GOUND: Dark brown slightly clayey sandy subangular to subrounded fine to coarse gravel of brick, plastic, clinker and coal. Sand is fine to coarse.			
	1.50	ES		1.60			MADE GROUND: Dark grey very sandy subangular to subrounded fine to coarse gravel of coal and clinker. Sand is fine to coarse.			
				2.00			Light brown slightly clayey fine to coarse SAND.			
				4.30			End of pit at 4.30 m			
Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 2.8m bgl. 4. No groundwater encountered. 5. Trench collapsed at 1.5m bgl. 6. Trench backfilled with arisings.										
Stability:										

Trial Pit Log

Trialpit No
TT11
Sheet 1 of 2

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346052.56 - 391910.67 Level:	Date 11/07/2023
Location: PRESCOT		Dimensions (m): Depth 5.50	Scale 1:25 Logged EW
Client: PARTNER CONSTRUCTION LTD		3.62 1.78	

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Dark brown slightly clayey sandy subangular to subrounded gravel of brick, plastic, clinker and concrete. Sand is fine to coarse.	1
	2.10	ES		1.60			MADE GROUND: Dark grey clayey very sandy subangular fine to coarse gravel of coal and clinker. Sand is fine to coarse.	2
				2.30			Light brown slightly clayey fine to coarse SAND.	3
								4
								5

Continued on next sheet

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trench excavated to 4.0m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.

Stability:



				Trial Pit Log			Trialpit No TT11 Sheet 2 of 2		
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346052.56 - 391910.67 Level:		Date 11/07/2023	
Location: PRESCOT				Dimensions (m): Depth 5.50		3.62 1.78		Scale 1:25 Logged EW	
Client: PARTNER CONSTRUCTION LTD									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				5.50			End of pit at 5.50 m 6 7 8 9 10		
Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trench excavated to 4.0m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.									
Stability:									

Trial Pit Log

Trialpit No

TT12

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346130.87 - 391959.06
Level:

Date
12/07/2023

Location: PRESCOT

Dimensions (m):

4.5

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Depth
5.20

Logged
EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES					MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, metal, plastic and chert.	1
	1.50	ES						
	2.00	ES		1.90			MADE GROUND: Dark grey blue sandy very clayey subangular to subrounded fine to coarse gravel of brick, clinker, coal and plastic. Sand is fine.	2
				3.30			Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.	3
								4
								5

Continued on next sheet

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 3.6m bgl. 4. No groundwater encountered. 5. Trench collapsed at 2.8m bgl. 6. Trench backfilled with arisings.

Stability:





Trialpit No

TT12

Sheet 2 of 2

Project Name: CARR LANE

Project No.	GRO-22463
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Co-ords:	346130.87 - 391959.06
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Level:

Date _____

12/07/2023

Location: PRESCOT

Dimensions
(m):

4.5

Depth
5.20

Scale

1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				5.20			End of pit at 5.20 m	
								6 —
								7 —
								8 —
								9 —
								10 —

Remarks:	1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 3.6m bgl. 4. No groundwater encountered. 5. Trench collapsed at 2.8m bgl. 6. Trench backfilled with arisings.
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Stability:



Trial Pit Log

Trialpit No
TT13
Sheet 1 of 2

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346127.00 - 391956.93 Level:	Date 12/07/2023
Location: PRESCOT	Dimensions (m): Depth 5.30		Scale 1:25
Client: PARTNER CONSTRUCTION LTD	5.47 1.03		Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES					MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, metal, plastic and chert.	1
	1.50	ES		1.70			MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, plastic, concrete and chert.	2
	2.50	ES		3.30			Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.	3
								4
								5

Continued on next sheet

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 3.8m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No
TT14
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346127.54 - 391950.54 Level:	Date 12/07/2023
Location: PRESCOT	Dimensions (m): Depth 4.60		Scale 1:25
Client: PARTNER CONSTRUCTION LTD	0.79 		Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES					MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, metal, plastic and chert.	1
	0.50	ES						
				1.40			MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, plastic, concrete, glass and chert.	2
	2.50	ES						3
				3.40			Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.	4
				4.60			End of pit at 4.60 m	5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trial trench excavated to 3.1m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TT15

Sheet 1 of 2

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346122.86 - 391953.59
Level:

Date
12/07/2023

Location: PRESCOT

Dimensions (m):

4.75

Depth
5.80

1.08

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.70	ES		1.50			MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, metal, plastic and chert.	1
							MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, plastic, glass and chert.	2
				3.10			MADE GROUND: Orange very sandy subangular fine to coarse gravel of brick. Sand is fine to coarse.	3
				3.25			Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.	4
							Continued on next sheet	5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 4.3m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:





Trial Pit Log

Trialpit No
TT16
Sheet 1 of 2

Project Name:	CARR LANE	Project No.	GRO-22463	Co-ords:	346122.19 - 391949.34	Date	12/07/2023
Location:	PRESCOT	Dimensions (m):	5.05	Level:		Scale	1:25
Client:	PARTNER CONSTRUCTION LTD	Depth	5.30			Logged	EW

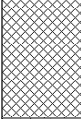
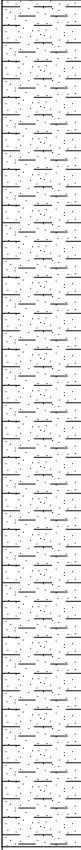
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES		1.60			MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, metal, plastic and chert.	1
	3.00	ES		3.10 3.20			MADE GROUND: Dark brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, plastic, glass and chert.	2
	5.00	ES					MADE GROUND: Orange very sandy subangular fine to coarse gravel of brick. Sand is fine to coarse. Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.	3
							Continued on next sheet	4
								5

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 3.8m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:



				Trial Pit Log			Trialpit No TT16 Sheet 2 of 2		
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346122.19 - 391949.34 Level:		Date 12/07/2023	
Location: PRESCOT				Dimensions (m): Depth 5.30		5.05		Scale 1:25	
Client: PARTNER CONSTRUCTION LTD						Logged EW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				5.30			End of pit at 5.30 m 6 7 8 9 10		
Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 3.8m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.									
Stability:									

				Trial Pit Log			Trialpit No TT17 Sheet 1 of 1			
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346062.11 - 391916.63 Level:		Date 12/07/2023		
Location: PRESCOT				Dimensions (m): Depth 4.90		4.83 1.08		Scale 1:25 Logged EW		
Client: PARTNER CONSTRUCTION LTD										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
				0.20			MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, plastic, chert and glass.			
				0.60			MADE GROUND: Firm dark grey blue slightly gravelly slightly sandy clay. Gravel is subangular to subrounded fine to coarse of clinker and brick. Sand is fine to coarse.			
				3.40			Firm light brown orange slightly sandy CLAY. Sand is fine to coarse.			
							End of pit at 4.90 m			
Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trench excavated to 3.4m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.										
Stability:										

Trial Pit Log

Trialpit No
TT18
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346066.62 - 391913.65 Level:	Date 12/07/2023
Location: PRESCOT	Dimensions (m): Depth 4.30		Scale 1:25
Client: PARTNER CONSTRUCTION LTD	0.81 		Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES					MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, metal, plastic and chert.	
	0.30	ES						
	1.50	ES						
				1.70			MADE GROUND: Firm dark grey blue slightly gravelly slightly sandy clay. Gravel is subangular to subrounded fine to coarse of clinker, wood, coal and brick. Sand is fine to coarse. Firm light brown orange slightly sandy CLAY. Sand is fine to coarse.	
				1.90				
				4.30				
							End of pit at 4.30 m	

Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Ground level is from noise bund level. 3. Trial trench excavated to 2.8m bgl. 4. No groundwater encountered. 5. Trench backfilled with arisings.

Stability:



Project Name: CARR LANE

Project No.	GRO-22463
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Co-ords:	346127.56 - 391958.70
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Level:

Date _____

12/07/2023

Location: PRESCOT

Dimensions	
------------	--

4.92

(m):

Depth

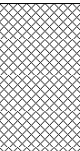
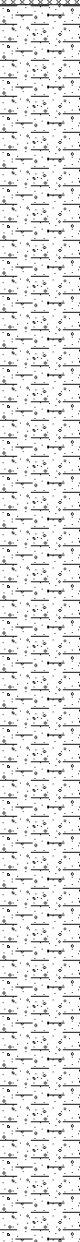
1.17

Scale

1:25

Logged
EW

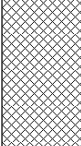
Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.50			MADE GROUND: Dark brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, plastic and chert.
							Firm orange brown slightly sandy gravelly CLAY. Gravel is subangular to subrounded fine to coarse of chert and sandstone. Sand is fine to coarse.
				4.60		End of pit at 4.60 m	

Remarks:	1. Trench cleared of services by specialist utility clearance company. 2. Trench excavated to 4.6m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.
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Stability:



				Trial Pit Log				Trialpit No TT20 Sheet 1 of 2	
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346053.08 - 391922.77 Level:		Date 12/07/2023	
Location: PRESCOT				Dimensions (m): Depth 5.40		4.54 1.84		Scale 1:25 Logged EW	
Client: PARTNER CONSTRUCTION LTD									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20	ES		0.50			MADE GROUND: Dark brown slightly clayey fine to coarse sand. Gravel is subangular fine to coarse of brick, chert, plastic and wood.		
	2.00	ES					Firm orange grey slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.		
							Continued on next sheet		
Remarks: 1. Trench cleared of services by specialist utility clearance company. 2. Trench excavated to 5.4m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.									
Stability:									



Trialpit No

TT20

Sheet 2 of 2

Project Name: CARR LANE

Project No.	GRO-22463
-------------	-----------

Co-ords:	346053.08 - 391922.77
----------	-----------------------

Level:

Date _____

12/07/2023

Location: PRESCOT

Dimensions
(m):

4.54

1.84

Client: PARTNER CONSTRUCTION LTD

Depth
5.40

Scale
1:25

Logged
FW

[illegible]

Remarks:	1. Trench cleared of services by specialist utility clearance company. 2. Trench excavated to 5.4m bgl. 3. No groundwater encountered. 4. Trench backfilled with arisings.
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Stability:



Trial Pit Log

Trialpit No

TP01

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346009.71 - 391908.19
Level: 42.93

Date
08/06/2023

Location: PRESCOT

Dimensions
(m):

Depth
3.70

Scale
1:25

Logged
EW

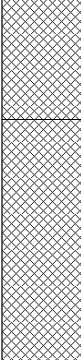
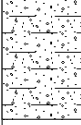
Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES		0.40	42.53		MADE GROUND: Brown very sandy subangular to subrounded fine to coarse gravel of brick, concrete and glass. Sand is fine to coarse.	
	0.80	ES		1.10	41.83		MADE GROUND: Brown slightly clayey very sandy subangular to subrounded fine to coarse gravel of brick and concrete. Sand is fine to coarse.	1
	1.20	ES		1.30	41.63		MADE GROUND: Dark brown very gravelly fine to coarse sand. Gravel is subangular fine to medium of concrete.	
	1.50	ES					MADE GROUND: Brown clayey gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick.	
				2.10	40.83			2
	2.50	ES					Soft to firm medium strength grey slightly sandy slightly gravelly CLAY. Gravel is subangular fine to medium of sandstone. Sand is fine to coarse.	
			HVP=42					3
				3.70	39.23		End of pit at 3.70 m	4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.7m bgl due to maximum reach of excavator. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.

Stability:



				Trial Pit Log				Trialpit No TP02 Sheet 1 of 1			
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346016.58 - 391922.64 Level: 43.66		Date 08/06/2023			
Location: PRESCOT						Dimensions (m): Depth 4.00		Scale 1:25			
Client: PARTNER CONSTRUCTION LTD								Logged EW			
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
	Depth	Type	Results								
	0.20	ES		0.40	43.26		MADE GROUND: Brown very sandy subangular to subrounded fine to coarse gravel of brick, concrete and glass. Sand is fine to coarse.			1	
	0.80	ES		1.20	42.46		MADE GROUND: Brown slightly clayey gravelly fine to coarse sand. Gravel is angular fine to medium of brick.				
	1.50	ES					MADE GROUND: Black very sandy subangular fine to medium gravel of mudstone and coal. Sand is fine to coarse.				
	2.50	D					Orange brown slightly gravelly very clayey fine to coarse SAND. Gravel is subangular to subrounded fine to medium of coal and sandstone.			4	
	3.70	ES		3.60	40.06						
	3.80	D		4.00	39.66						
End of pit at 4.00 m										5	
Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 4.0m bgl due to maximum reach of excavator. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.											
Stability:											



Trialpit No

TP03

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords:	346000.45 - 391922.48
Level:	42.32

Date
08/06/2023

Location: PRESCOT

Dimensions
(m):

Scale
1:25

Client: PARTNER CONSTRUCTION LTD

Depth
2.10

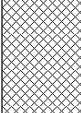
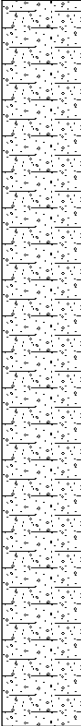
Logged
FW

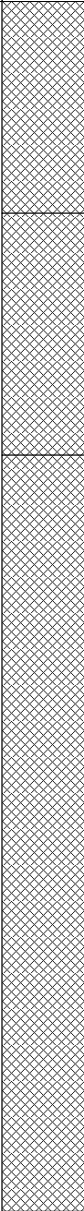
[illegible]

Remarks:	1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 2.1m bgl. 3. Groundwater encountered at 2.0m bgl. 4. Trial pit backfilled with arisings.
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Stability:



				Trial Pit Log			Trialpit No TP04 Sheet 1 of 1			
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346054.52 - 391920.83 Level: 43.63		Date 09/06/2023		
Location: PRESCOT				Dimensions (m): Depth 4.00			Scale 1:25		Logged EW	
Client: PARTNER CONSTRUCTION LTD										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.20	ES		0.40	43.23		MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, glass and plastic.		1	
	1.00	ES		1.60	42.03			MADE GROUND: Dark brown gravelly clayey fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick and glass.		
	2.00	ES				Brown orange slightly gravelly very clayey fine to coarse SAND. Gravel is subangular fine to medium of sandstone.		2		
	3.00	D						3		
	3.50	D						4		
	4.00					End of pit at 4.00 m		5		
Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 4.0m bgl. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.										
Stability:										

				Trial Pit Log			Trialpit No TP06 Sheet 1 of 1			
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346004.69 - 391974.28 Level: 43.20		Date 08/06/2023		
Location: PRESCOT				Dimensions (m): Depth 4.00			Scale 1:25		Logged EW	
Client: PARTNER CONSTRUCTION LTD										
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.50	ES		0.70	42.50		MADE GROUND: Brown sandy subangular to subrounded fine to coarse gravel of brick, concrete, glass and plastic. Sand is fine to coarse.			1
	1.00	ES		1.50	41.70		MADE GROUND: Brown very gravelly very clayey fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick.			
	2.00	ES					MADE GROUND: Brown grey slightly clayey sandy subangular to subrounded fine to coarse gravel of concrete and sandstone. Sand is fine to coarse.			
	3.00	ES		4.00	39.20		End of pit at 4.00 m			4
										5
Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 4.0m bgl. 3. Groundwater encountered at 3.9m bgl. 4. Trial pit backfilled with arisings.										
Stability:										



Trial Pit Log

Trialpit No

TP08

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346116.61 - 391956.54
Level: 44.83

Date
09/06/2023

Location: PRESCOT

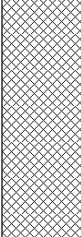
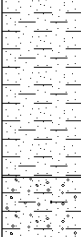
Dimensions
(m):

Depth
3.50

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES	HVP=35	0.80	44.03		MADE GROUND: Brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete and metal.	1
	1.00	ES		1.40	43.43		MADE GROUND: Dark brown gravelly very clayey fine to coarse sand. Gravel is subangular to subrounded fine to medium of brick. Strong hydrocarbon odour.	
	1.50	ES		2.00	42.83		Soft low strength orange brown sandy CLAY. Sand is fine to coarse.	
	1.80	D	HVP=51	2.50	41.33		Firm medium strength orange brown sandy gravelly CLAY. Gravel is subrounded fine to medium of sandstone and chert. Sand is fine to coarse.	2
	2.50	D						3
								4
				3.50	41.33		End of pit at 3.50 m	5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.5m bgl. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TP09

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346011.54 - 391990.44
Level: 42.32

Date
08/06/2023

Location: PRESCOT

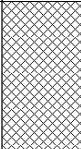
Dimensions
(m):

Depth
3.00

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES	HVP=38	0.50	41.82		MADE GROUND: Brown sandy subangular to subrounded fine to coarse gravel of brick and concrete. Sand is fine to coarse.	
							MADE GROUND: Dark brown slightly clayey very sandy subangular to subrounded fine to coarse gravel of brick, glass and concrete. Sand is fine to coarse.	
	1.00	ES						1
	2.60	ES		2.50	39.82		MADE GROUND: Dark grey very sandy subangular to subrounded fine to coarse gravel of limestone. Sand is fine to coarse.	2
	2.85	ES		2.80	39.52		Soft to firm low strength dark grey sandy CLAY. Sand is fine to coarse.	
	2.95	D		3.00	39.32		End of pit at 3.00 m	3
								4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.0m bgl. 3. Groundwater encountered at 2.7m bgl. 4. Trial pit backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TP10

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346054.35 - 391987.04
Level: 43.40

Date
09/06/2023

Location: PRESCOT

Dimensions
(m):

Depth
3.70

Scale
1:25

Logged
EW

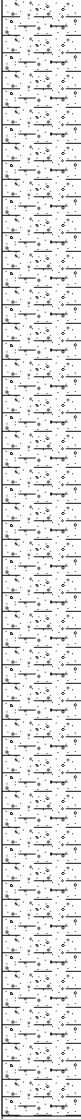
Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, glass, plastic, wood and concrete.	1
	1.50	ES						2
	2.50	ES						
	3.00	ES		2.80	40.60		MADE GROUND: Soft orange brown gravelly sandy clay. Gravel is subrounded fine to coarse of brick, concrete and glass. Sand is fine to coarse.	3
				3.70	39.70			4
							End of pit at 3.70 m	5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.7m bgl. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.

Stability:



				Trial Pit Log				Trialpit No TP11 Sheet 1 of 1	
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346112.49 - 391984.50 Level: 42.91		Date 09/06/2023	
Location: PRESCOT				Dimensions (m): Depth 3.90				Scale 1:25 Logged EW	
Client: PARTNER CONSTRUCTION LTD									
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.20	42.71		MADE GROUND: Brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete and wood. Firm medium strength brown orange slightly gravelly sandy CLAY. Gravel is subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.		
	1.00	ES	HVP=54						
	2.00	D	HVP=68						
	3.00	D	HVP=71						
				3.90	39.01		End of pit at 3.90 m		
Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.9m bgl. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.									
Stability:									

				Trial Pit Log			Trialpit No TP13 Sheet 1 of 1			
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346042.41 - 392023.76 Level: 41.35		Date 08/06/2023		
Location: PRESCOT				Dimensions (m): Depth 4.40				Scale 1:25		
Client: PARTNER CONSTRUCTION LTD								Logged EW		
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description			
	Depth	Type	Results							
	0.20	ES	HVP=44	2.80 2.85	38.54 38.49		MADE GROUND: Brown sandy subangular to subrounded fine to coarse gravel of brick, concrete, glass and plastic. Sand is fine to coarse.			
	1.00	ES					MADE GROUND: Light grey orange slightly sandy subangular to subrounded fine to coarse gravel of chert. Sand is fine to coarse. Firm medium strength light grey slightly sandy CLAY. Sand is fine to coarse.			
	2.00	ES					MADE GROUND: Light grey orange slightly sandy subangular to subrounded fine to coarse gravel of chert. Sand is fine to coarse. Firm medium strength light grey slightly sandy CLAY. Sand is fine to coarse.			
	3.00	D					MADE GROUND: Light grey orange slightly sandy subangular to subrounded fine to coarse gravel of chert. Sand is fine to coarse. Firm medium strength light grey slightly sandy CLAY. Sand is fine to coarse.			
	4.00	D					MADE GROUND: Light grey orange slightly sandy subangular to subrounded fine to coarse gravel of chert. Sand is fine to coarse. Firm medium strength light grey slightly sandy CLAY. Sand is fine to coarse.			
				4.40	36.94		End of pit at 4.40 m			
Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 4.4m bgl. 3. Groundwater encountered at 2.8m bgl. 4. Trial pit backfilled with arisings.										
Stability:										

Trial Pit Log

Trialpit No
TP15
Sheet 1 of 1

Project Name:	CARR LANE	Project No.	GRO-22463	Co-ords:	346092.20 - 391997.22	Date	09/06/2023
Location:	PRESCOT	Dimensions (m):	Depth 3.40	Level:	42.54	Scale	1:25
Client:	PARTNER CONSTRUCTION LTD					Logged	EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.40	42.14		MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of glass, concrete, brick and plastic.	
	1.00	ES		1.80	40.74		MADE GROUND: Brown very gravelly very clayey fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick.	1
	2.00	ES	HVP=41	3.00			Firm medium strength slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone and chert. Sand is fine to coarse.	2
	2.50	D						
	3.00	D	HVP=56	3.40	39.14		End of pit at 3.40 m	3
								4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.4m bgl. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.

Stability:





Trial Pit Log

Trialpit No
TP17
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346120.78 - 392003.89 Level: 43.27	Date 09/06/2023
Location: PRESCOT		Dimensions (m): Depth 3.70	Scale 1:25
Client: PARTNER CONSTRUCTION LTD			Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Brown very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of concrete, wood, metal and glass.	1
	1.50	ES						2
								3
				3.20	40.07		MADE GROUND: Dark grey brown clayey very sandy subangular to subrounded fine to coarse gravel of brick and concrete. Sand is fine to coarse.	
▼	3.50	ES		3.70	39.57			4
							End of pit at 3.70 m	5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.7m bgl. 3. Groundwater encountered at 3.5m bgl. 4. Trial pit backfilled with arisings.

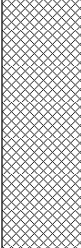
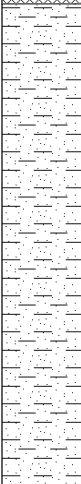
Stability:



Trial Pit Log

Trialpit No
TP20
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346114.39 - 392043.12 Level: 42.67	Date 08/06/2023
Location: PRESCOT		Dimensions (m): Depth 3.40	Scale 1:25
Client: PARTNER CONSTRUCTION LTD			Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	0.20	ES		0.30	42.36		MADE GROUND: Brown sandy subangular to subrounded fine to coarse gravel of brick and concrete. Sand is fine to coarse.	1
							MADE GROUND: Dark brown very sandy very clayey subangular to subrounded fine to coarse gravel of brick. Sand is fine to coarse.	
	1.00	ES						2
	2.00	ES	HVP=42	1.80	40.86		Firm medium strength brown orange sandy CLAY. Sand is fine to coarse.	
	3.00	D	HVP=48					3
				3.40	39.26		End of pit at 3.40 m	4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.4m bgl. 3. Groundwater encountered at 3.2m bgl. 4. Trial pit backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TP22

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346079.00 - 392064.43
Level: 42.72

Date
07/06/2023

Location: PRESCOT

Dimensions
(m):

Depth
3.50

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES					MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, metal and glass.	1
	0.50	ES						
	1.00	ES						
				1.90	40.82		MADE GROUND: Concrete structure.	2
				2.10	40.62			
	2.50	ES					MADE GROUND: Brown red very gravelly fine to coarse sand. Gravel is subangular to subrounded fine to medium of brick and concrete.	3
				3.30	39.42		MADE GROUND: Firm grey blue slightly sandy gravelly clay. Gravel is subangular to subrounded fine to medium of brick and concrete. Sand is fine to coarse. End of pit at 3.50 m	4
	3.40	ES		3.50	39.22			5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.5m bgl. 3. Groundwater encountered at 3.3m bgl. 4. Trial pit backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No
TP23
Sheet 1 of 1

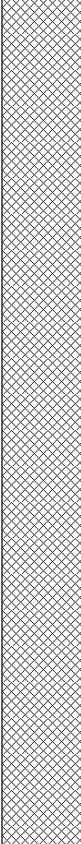
Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346091.49 - 392073.30 Level: 42.65	Date 07/06/2023
Location: PRESCOT		Dimensions (m): Depth 3.80	Scale 1:25
Client: PARTNER CONSTRUCTION LTD			Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES					MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, glass and plastic.	1
	0.50	ES						
	1.00	ES						
	1.30	ES		1.20	41.45		MADE GROUND: Dark grey blue slightly gravelly fine to coarse sand. Gravel is subrounded fine to medium of concrete and brick.	
				1.40	41.25		MADE GROUND: Black tarmac.	
				1.50	41.15		MADE GROUND: Light grey reinforced concrete.	
	2.00	ES		1.90	40.75		MADE GROUND: Dark grey very sandy subangular to subrounded fine to coarse gravel of brick, concrete and tarmac. Sand is fine to coarse.	2
				2.10	40.55		MADE GROUND: Light grey reinforced concrete.	
				2.50	40.15		MADE GROUND: Dark grey blue clayey very sandy subangular to subrounded fine to coarse gravel of brick, concrete, plastic and tarmac.	3
	3.00	ES						
				3.80	38.85		End of pit at 3.80 m	4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.8m bgl. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.

Stability:



				Trial Pit Log			Trialpit No TP25 Sheet 1 of 1		
Project Name: CARR LANE				Project No. GRO-22463		Co-ords: 346102.25 - 392086.48 Level: 42.74		Date 07/06/2023	
Location: PRESCOT				Dimensions (m): Depth 3.00				Scale 1:25	
Client: PARTNER CONSTRUCTION LTD								Logged EW	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.30	ES					MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, glass, plastic and chert.		
	0.50	ES							
	1.50	ES							
	3.00	ES		2.80	39.94		MADE GROUND: Brown sandy subangular to subrounded fine to coarse gravel of brick and concrete. Sand is fine to coarse. Strong hydrocarbon odour. End of pit at 3.00 m		
			3.00	39.74					
1 2 3 4 5									
Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 3.0m bgl. 3. Groundwater encountered at 2.8m bgl. 4. Trial pit backfilled with arisings.									
Stability:									

Trial Pit Log

Trialpit No
TP26
Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346152.73 - 392094.37
Level: 43.16

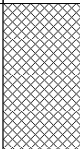
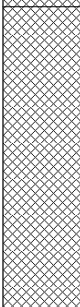
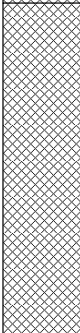
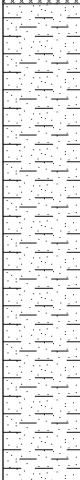
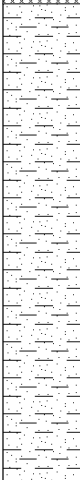
Date
08/06/2023

Location: PRESCOT

Dimensions (m):
Depth 4.20

Scale
1:25
Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
▼	0.20	ES	HVP=67	0.50	42.66		MADE GROUND: Brown sandy subangular to subrounded fine to coarse gravel of brick and concrete. Sand is fine to coarse.	1	
	1.00	ES		1.50	41.66		MADE GROUND: Dark brown very sandy clayey subangular to subrounded fine to coarse gravel of brick. Sand is fine to coarse.		
	2.00	ES		2.60	40.56		MADE GROUND: Light grey slightly clayey fine to coarse sand.	2	
	3.00	ES			4.20	38.96		Firm medium strength brown orange slightly sandy CLAY. Sand is fine to coarse.	3
	3.50	D							
	4.00	D							
								End of pit at 4.20 m	4
								5	

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 4.2m bgl. 3. Groundwater encountered at 1.4m bgl. 4. Trial pit backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TP27

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346127.97 - 392112.75
Level: 42.28

Date
07/06/2023

Location: PRESCOT

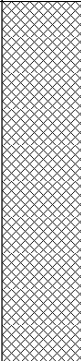
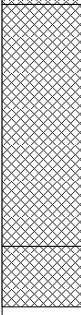
Dimensions
(m):

Depth
2.20

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES					MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete and tarmac.	1
	0.50	ES						
	1.50	ES		1.20	41.08		MADE GROUND: Red orange very sandy subangular fine to coarse gravel of brick. Sand is fine to coarse.	
	2.10	ES		2.00	40.28		MADE GROUND: Firm dark grey blue slightly gravelly sandy clay. Gravel is subangular to subrounded fine to coarse of brick. Sand is fine to coarse.	2
				2.20	40.08		End of pit at 2.20 m	3
								4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 2.2m bgl. 3. Groundwater encountered at 1.9m bgl. 4. Trial pit backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No
TP28
Sheet 1 of 1

Project Name: CARR LANE	Project No. GRO-22463	Co-ords: 346138.46 - 392112.26 Level: 42.33	Date 07/06/2023
Location: PRESCOT	Dimensions (m): Depth 4.00		Scale 1:25
Client: PARTNER CONSTRUCTION LTD			Logged EW

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES					MADE GROUND: Brown gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, tarmac, ceramic and plastic.	1
	1.30	ES		1.10 1.20 1.40	41.23 41.13 40.93		MADE GROUND: Light grey very sandy angular to subangular fine to coarse gravel of concrete. Sand is fine to coarse. MADE GROUND: Orange red very gravelly medium to coarse sand. Gravel is subangular to subrounded fine to medium of brick. MADE GROUND: Dark grey slightly gravelly clayey fine to coarse sand. Gravel is subangular fine to coarse of brick and tarmac. Strong hydrocarbon odour.	2
	1.80	ES		2.10	40.23		Firm medium strength light brown slightly gravelly sandy CLAY. Gravel is subangular to subrounded fine to coarse of sandstone. Sand is fine to coarse.	3
	3.00	ES	HVP=53					
	3.80	ES		4.00	38.33		End of pit at 4.00 m	4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 4.0m bgl. 3. No groundwater encountered. 4. Trial pit backfilled with arisings.

Stability:



Trial Pit Log

Trialpit No

TP29

Sheet 1 of 1

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346140.37 - 392096.85
Level: 42.55

Date
07/06/2023

Location: PRESCOT

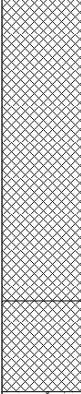
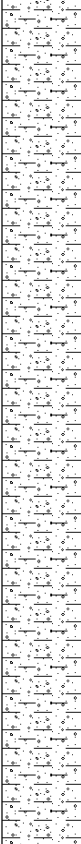
Dimensions
(m):

Depth
4.10

Scale
1:25

Logged
EW

Client: PARTNER CONSTRUCTION LTD

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	0.50	ES					MADE GROUND: Brown slightly gravelly fine to coarse sand. Gravel is subangular to subrounded fine to coarse of brick, concrete, ceramic and metal.	
	0.90	ES		1.00	41.55			1
	1.20	ES		1.30	41.25		MADE GROUND: Grey slightly gravelly clayey fine to coarse sand. Gravel is subangular to subrounded fine to medium of brick.	
	2.00	D	HVP=38				Soft low strength brown orange slightly gravelly slightly sandy CLAY. Gravel is subrounded fine to medium of sandstone. Sand is fine to coarse	2
	3.00	D	HVP=45				<u>Medium strength from 3.0m bgl.</u>	3
	4.00	D	HVP=67	4.10	38.45		End of pit at 4.10 m	4
								5

Remarks: 1. Trial pit cleared of services using hand held CAT scanner. 2. Trial pit excavated to 4.1m bgl. 3. Groundwater encountered at 1.2m bgl. 4. Trial pit backfilled with arisings.

Stability:



Rotary Core Log

Borehole No.

R01

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346051.47 - 392008.90

Hole Type
RO

Location: PRESCOT

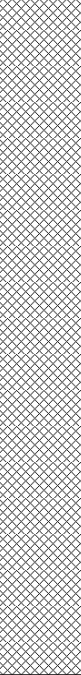
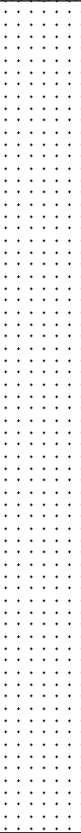
Level: 42.33

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 06/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							4.50	37.83		MADE GROUND: Brown clayey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of clinker, brick, glass, ceramics and concrete.	1
											2
											3
											4
										Grey SANDSTONE.	5
											6
											7
											8
											9
											10

Continued on next sheet

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl as instructed. 4. Borehole backfilled with arisings.



Rotary Core Log

Borehole No.

R01

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346051.47 - 392008.90

Hole Type
RO

Location: PRESCOT

Level: 42.33

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 06/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							12.00	30.33		Grey MUDSTONE.	11
							13.00	29.33		Dark grey MUDSTONE.	12
							13.30	29.03		Light grey sandy MUDSTONE.	13
											14
											15
											16
							17.00	25.33		Light brown SANDSTONE.	17
							18.00	24.33		Grey sandy MUDSTONE.	18
											19
											20

Continued on next sheet

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl as instructed. 4. Borehole backfilled with arisings.





Rotary Core Log

Borehole No.

R02

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346102.34 - 391955.18

Hole Type
RO

Location: PRESCOT

Level: 44.25

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 09/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							3.50	40.75		MADE GROUND: Brown clayey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of clinker, brick, glass, ceramics and concrete.	1
											2
											3
											4
											5
											6
											7
											8
											9
							9.20	35.05			10
							9.60	34.65			

Brown sandy CLAY.

Grey SILTSTONE.

Grey SANDSTONE.

Continued on next sheet

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl as instructed. 4. Backfilled with arisings.





Rotary Core Log

Borehole No.

R02

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346102.34 - 391955.18

Hole Type
RO

Location: PRESCOT

Level: 44.25

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 09/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							21.00	23.25		Light grey sandy MUDSTONE.	21
											22
											23
											24
											25
											26
											27
							28.00	16.25		Light grey MUDSTONE.	28
											29
							30.00	14.25		End of borehole at 30.00 m	30

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl as instructed. 4. Backfilled with arisings.





GROUNDTECH
CONSULTING

Rotary Core Log

Borehole No.

R03

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346032.06 - 391963.14

Hole Type
RO

Location: PRESCOT

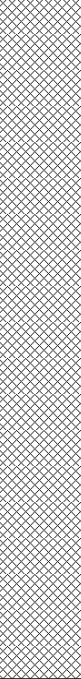
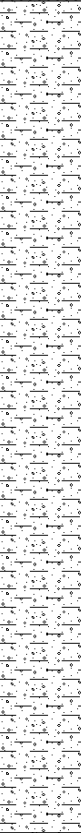
Level: 44.23

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 07/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							4.50	39.73		MADE GROUND: Brown clayey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of clinker, brick, glass, ceramics and concrete.	1
											2
											3
											4
										Brown gravelly sandy CLAY.	5
											6
											7
											8
											9
											10

Continued on next sheet

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated pit to 1.2m bgl. 3. Terminated at 30.00m bgl as instructed. 4. Borehole backfilled with arisings.



Rotary Core Log

Borehole No.

R03

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346032.06 - 391963.14

Hole Type
RO

Location: PRESCOT

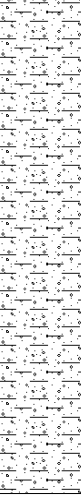
Level: 44.23

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 07/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							13.30	30.93		Grey sandy MUDSTONE.	11
										Grey SILTSTONE.	12
							18.00	26.23		Grey MUDSTONE.	13
							18.50	25.73		Grey SILTSTONE.	14
							19.50	24.73		Grey MUDSTONE.	15
							20.00	24.23		Grey SILTSTONE.	16
										Continued on next sheet	17

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated pit to 1.2m bgl. 3. Terminated at 30.00m bgl as instructed. 4. Borehole backfilled with arisings.



Rotary Core Log

Borehole No.

R03

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346032.06 - 391963.14

Hole Type
RO

Location: PRESCOT

Level: 44.23

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 07/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							22.50 22.55	21.73 21.68		Grey MUDSTONE.	21
											22
										Black COAL. Grey MUDSTONE.	23
											24
							26.00	18.23		Grey SILTSTONE.	26
							26.80	17.43		Grey SANDSTONE.	27
							27.50	16.73		Grey MUDSTONE.	28
											29
							30.00	14.23		End of borehole at 30.00 m	30

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated pit to 1.2m bgl. 3. Terminated at 30.00m bgl as instructed. 4. Borehole backfilled with arisings.



Rotary Core Log

Borehole No.

R04

Sheet 1 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346005.53 - 391929.71

Hole Type
RO

Location: PRESCOT

Level: 42.92

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 09/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							8.20	34.72		MADE GROUND: Brown clayey gravelly fine to coarse sand. Gravel is angular to subangular fine to coarse of clinker, brick, glass, ceramics and concrete.	1
											2
											3
											4
											5
											6
											7
											8
										Brown gravelly sandy CLAY.	9
											10

Continued on next sheet

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl as instructed. 4. Backfilled with arisings.



Rotary Core Log

Borehole No.

R04

Sheet 2 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346005.53 - 391929.71

Hole Type
RO

Location: PRESCOT

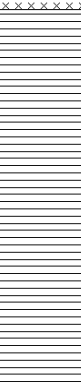
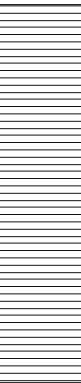
Level: 42.92

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 09/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							10.30	32.62		Grey SILTSTONE.	11
							15.00	27.92		Grey sandy MUDSTONE.	15
							17.50	25.42		Grey MUDSTONE.	18
										Continued on next sheet	20

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl as instructed. 4. Backfilled with arisings.



Rotary Core Log

Borehole No.

R04

Sheet 3 of 3

Project Name: CARR LANE

Project No.
GRO-22463

Co-ords: 346005.53 - 391929.71

Hole Type
RO

Location: PRESCOT

Level: 42.92

Scale
1:50

Client: PARTNER CONSTRUCTION LTD

Dates: 09/06/2023 -

Logged By
EW

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							21.20	21.72			21
										Grey SANDSTONE.	22
							23.00	19.92		Grey MUDSTONE.	23
											24
											25
											26
											27
											28
											29
							30.00	12.92		End of borehole at 30.00 m	30

Remarks

1. Location cleared of services using hand held CAT scanner. 2. Hand excavated inspection pit to 1.2m bgl. 3. Borehole terminated at 30.00m bgl as instructed. 4. Backfilled with arisings.



Project Id: GRO-22463
Project Title: CARR LANE
Location: PRESCOT
Client: UNITED LIVING

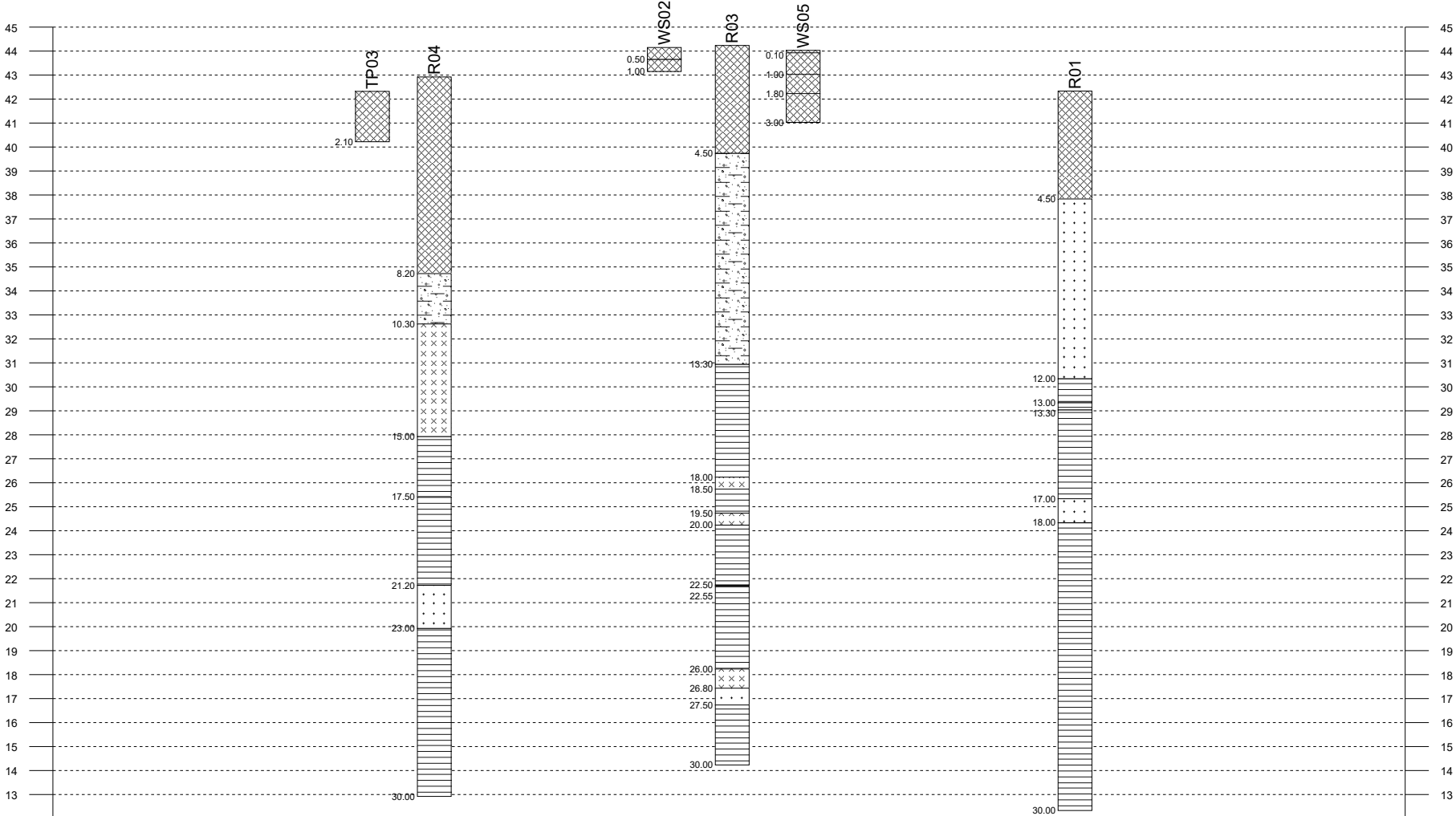
Title: Section line 1
Vertical Scale: 1:253
Horizontal Scale: 1:866
Engineer: EW



Legend Key

- MADE GROUND
- Sandy gravelly CLAY
- SANDSTONE
- SILTSTONE
- MUDSTONE
- COAL

12.00



Chainage (m)	0.00	23.88	32.71	65.53	75.22	85.34	124.12	149.48
Offset (m)		2.56	2.84	6.40	6.69	0.24	2.18	
Elevation (mAOD)		42.32	42.92	44.15	44.23	44.03	42.33	



APPENDIX 4 - Geo-Environmental Testing Results

Groundtech Consulting Limited
PO Box 499
Manchester
United Kingdom
M28 8EE



4225



Attention : Emma Welch
Date : 5th July, 2023
Your reference : GRO-22463
Our reference : Test Report 23/9613 Batch 1
Location : Carr Lane, Prescot
Date samples received : 14th June, 2023
Status : Final Report
Issue : 1

One hundred and fourteen samples were received for analysis on 14th June, 2023 of which thirty five were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

Report : Solid

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

EMT Sample No.	1-2	14-15	17-18	27-29	33-34	42-44	51-53	60-62	75-77	81-83	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP01	TP02	TP03	TP04	TP06	TP07	TP08	TP09	TP10	TP11			
Depth	0.30	1.50	1.00	1.00	0.50	0.50	1.00	1.00	2.50	0.10			
COC No / misc													
Containers	J T	J T	J T	V J T	V T	V J T	V J T	V J T	V J T	V J T			
Sample Date	08/06/2023	08/06/2023	08/06/2023	09/06/2023	08/06/2023	09/06/2023	09/06/2023	08/06/2023	09/06/2023	09/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023			
Arsenic #	9.3	22.6	20.4	19.6	19.7	19.5	110.5	56.6	22.1	43.0	<0.5	mg/kg	TM30/PM15
Cadmium #	0.3	<0.1	<0.1	2.0	2.6	5.0	<0.1	<0.1	0.6	1.5	<0.1	mg/kg	TM30/PM15
Chromium #	75.8	16.8	36.5	63.9	64.0	70.0	66.9	76.6	87.9	203.2	<0.5	mg/kg	TM30/PM15
Copper #	118	39	44	275 ^{AA}	172	521 ^{AA}	14	436 ^{AA}	109	327 ^{AA}	<1	mg/kg	TM30/PM15
Lead #	127	78	52	554	131	293	13	573	277	229	<5	mg/kg	TM30/PM15
Mercury #	0.1	0.2	<0.1	0.1	<0.1	0.3	0.1	1.1	<0.1	0.1	<0.1	mg/kg	TM30/PM15
Nickel #	28.3	7.5	34.8	38.2	36.4	39.9	6.9	97.2	41.7	31.1	<0.7	mg/kg	TM30/PM15
Selenium #	1	2	<1	<1	<1	<1	<1	<1	<1	2	<1	mg/kg	TM30/PM15
Sulphur as S	0.04	0.46	0.04	0.05	0.12	0.09	0.03	0.10	0.07	0.27	<0.01	%	TM30/PM15
Total Sulphate as SO ₄ #	418	1675	249	418	726	763	356	1619	853	3274	<50	mg/kg	TM50/PM29
Total Sulphate as SO ₄ BRE	-	-	-	-	-	-	-	-	-	-	<0.01	%	TM50/PM29
Water Soluble Boron #	0.5	1.9	0.6	1.1	0.8	1.3	0.8	1.4	2.5	3.2	<0.1	mg/kg	TM74/PM32
Zinc #	269	29	112	341	159	464	18	613	747	712	<5	mg/kg	TM30/PM15
Magnesium	-	-	-	-	-	-	-	-	-	-	<0.0001	g/l	TM30/PM20
PAH MS													
Naphthalene #	<0.04	0.63	0.11	<0.04	0.07	0.08	<0.04	0.08	<0.04	0.12	<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	<0.03	<0.03	<0.03	0.10	<0.03	0.07	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Acenaphthene #	<0.05	<0.05	<0.05	<0.05	<0.05	0.25	<0.05	<0.05	<0.05	<0.05	<0.05	mg/kg	TM4/PM8
Fluorene #	<0.04	<0.04	<0.04	<0.04	<0.04	0.27	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Phenanthrene #	<0.03	0.78	0.39	0.40	0.18	6.90	<0.03	0.58	0.15	0.47	<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	0.06	0.05	0.09	<0.04	1.85	<0.04	0.21	<0.04	0.08	<0.04	mg/kg	TM4/PM8
Fluoranthene #	<0.03	0.13	0.29	0.61	0.23	11.94	0.05	1.91	0.15	0.43	<0.03	mg/kg	TM4/PM8
Pyrene #	<0.03	0.12	0.26	0.54	0.22	8.94	0.05	1.72	0.11	0.39	<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	0.15	0.18	0.32	0.14	4.94	<0.06	1.27	0.15	0.31	<0.06	mg/kg	TM4/PM8
Chrysene #	<0.02	0.15	0.21	0.34	0.15	4.42	<0.02	1.36	0.09	0.34	<0.02	mg/kg	TM4/PM8
Benzo(b)fluoranthene #	<0.07	0.11	0.29	0.57	0.20	6.65	<0.07	2.62	<0.07	0.50	<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	<0.04	<0.04	0.13	0.29	0.10	3.73	<0.04	1.53	<0.04	0.25	<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #	<0.04	<0.04	0.10	0.21	0.08	2.33	<0.04	1.20	<0.04	0.24	<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	<0.04	<0.04	<0.04	<0.04	0.32	<0.04	0.19	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04	0.09	0.12	0.20	0.08	1.81	<0.04	1.14	<0.04	0.24	<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	2.2	2.1	3.6	1.5	54.5	<0.6	13.9	0.7	3.4	<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	0.08	0.21	0.41	0.14	4.79	<0.05	1.89	<0.05	0.36	<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	0.03	0.08	0.16	0.06	1.86	<0.02	0.73	<0.02	0.14	<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	91	99	88	92	89	104	90	92	92	89	<0	%	TM4/PM8
Methyl Tertiary Butyl Ether #	-	<2	-	<2	-	-	<2	<2	<2	-	<2	ug/kg	TM15/PM10
Benzene #	-	<3	-	<3	-	-	<3	12	<3	-	<3	ug/kg	TM15/PM10
Toluene #	-	<3	-	<3	-	-	<3	4	<3	-	<3	ug/kg	TM15/PM10
Ethylbenzene #	-	<3	-	<3	-	-	<3	<3	<3	-	<3	ug/kg	TM15/PM10
m/p-Xylene #	-	<5	-	<5	-	-	<5	<5	<5	-	<5	ug/kg	TM15/PM10
o-Xylene #	-	<3	-	<3	-	-	<3	<3	<3	-	<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	-	84	-	79	-	-	99	67	82	-	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	-	68	-	68	-	-	101	53	74	-	<0	%	TM15/PM10

Element Materials Technology

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Location: Carr Lane, Prescot
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EMT Job No: 23/9613

Report : Solid

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EMT Sample No.	1-2	14-15	17-18	27-29	33-34	42-44	51-53	60-62	75-77	81-83	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP01	TP02	TP03	TP04	TP06	TP07	TP08	TP09	TP10	TP11			
Depth	0.30	1.50	1.00	1.00	0.50	0.50	1.00	1.00	2.50	0.10			
COC No / misc													
Containers	J T	J T	J T	V J T	V T	V J T	V J T	V J T	V J T	V J T			
Sample Date	08/06/2023	08/06/2023	08/06/2023	09/06/2023	08/06/2023	09/06/2023	09/06/2023	08/06/2023	09/06/2023	09/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #	-	<0.1 ^{SV}	-	<0.1 ^{SV}	-	-	<0.1	<0.1 ^{SV}	<0.1	-	<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #	-	<0.1 ^{SV}	-	<0.1 ^{SV}	-	-	<0.1	<0.1 ^{SV}	<0.1	-	<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	-	<0.1 ^{SV}	-	<0.1 ^{SV}	-	-	<0.1	<0.1 ^{SV}	<0.1	-	<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #	-	9.5	-	<0.2	-	-	<0.2	<0.2	<0.2	-	<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #	-	27	-	<4	-	-	<4	<4	<4	-	<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #	-	38	-	11	-	-	<7	12	<7	-	<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #	-	24	-	54	-	-	<7	55	<7	-	<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	-	99	-	65	-	-	<19	67	<19	-	<19	mg/kg	TM5/PM8/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	-	<0.1 ^{SV}	-	<0.1 ^{SV}	-	-	<0.1	<0.1 ^{SV}	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	-	<0.1 ^{SV}	-	<0.1 ^{SV}	-	-	<0.1	<0.1 ^{SV}	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #	-	<0.1 ^{SV}	-	<0.1 ^{SV}	-	-	<0.1	<0.1 ^{SV}	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	-	7.3	-	<0.2	-	-	<0.2	<0.2	<0.2	-	<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	-	32	-	<4	-	-	<4	<4	<4	-	<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	-	84	-	16	-	-	<7	33	<7	-	<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	-	160	-	49	-	-	<7	120	<7	-	<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	-	283	-	65	-	-	<19	153	<19	-	<19	mg/kg	TM5/PM8/PM16
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	-	382	-	130	-	-	<38	220	<38	-	<38	mg/kg	TM5/PM8/PM16
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15	0.48	<0.15	<0.15	<0.15	<0.15	<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	9.7	21.9	8.8	24.9	15.6	14.0	26.1	21.2	81.3	18.3	<0.1	%	PM4/PM0
Ammoniacal Nitrogen as NH4 Chloride (2:1 Ext BRE) #	-	-	-	-	-	-	-	-	-	-	<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	mg/kg	TM38/PM20
Nitrate as NO3 (2:1 Ext BRE)	-	-	-	-	-	-	-	-	-	-	<0.0025	g/l	TM38/PM20
Sulphate as SO4 (2:1 Ext) #	-	-	-	-	-	-	-	-	-	-	<0.0015	g/l	TM38/PM20
Free Cyanide	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	mg/kg	TM89/PM45
Total Cyanide #	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	mg/kg	TM89/PM45
Sulphide	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	mg/kg	TM107/PM45
Thiocyanate	<0.6	1.0	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	1.8	<0.6	mg/kg	TM107/PM45
pH #	7.67	5.02	7.59	7.80	7.32	7.86	5.88	7.89	7.87	6.48	<0.01	pH units	TM73/PM11

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

Report : Solid

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

EMT Sample No.	93-95	102-104	108-110	119-121	125-127	143-145	161-163	164-166	173-175	176-178	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP13	TP15	TP16	TP17	TP20	TP22	TP23	TP25	TP25	TP26			
Depth	2.00	1.00	0.80	3.50	1.00	3.40	3.00	0.30	3.00	0.20			
COC No / misc													
Containers	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T			
Sample Date	08/06/2023	09/06/2023	09/06/2023	09/06/2023	08/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023	08/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023			
Arsenic #	159.5	12.3	10.3	11.7	37.0	6.7	18.5	40.0	-	10.0	<0.5	mg/kg	TM30/PM15
Cadmium #	2.2	0.3	0.1	7.9	0.8	<0.1	<0.1	0.5	-	0.5	<0.1	mg/kg	TM30/PM15
Chromium #	93.9	75.0	57.3	59.8	83.7	71.4	64.0	66.7	-	60.6	<0.5	mg/kg	TM30/PM15
Copper #	1003 ^{AA}	77	70	38	203	7	21	132	-	87	<1	mg/kg	TM30/PM15
Lead #	712	146	150	179	946	14	10	159	-	157	<5	mg/kg	TM30/PM15
Mercury #	1.5	0.2	0.2	0.2	1.8	<0.1	<0.1	0.2	-	0.3	<0.1	mg/kg	TM30/PM15
Nickel #	200.3	23.8	18.6	21.5	47.5	12.1	43.2	25.0	-	25.3	<0.7	mg/kg	TM30/PM15
Selenium #	<1	<1	<1	1	1	1	<1	1	-	<1	<1	mg/kg	TM30/PM15
Sulphur as S	0.28	0.05	0.05	0.14	0.10	0.10	0.03	0.05	-	0.06	<0.01	%	TM30/PM15
Total Sulphate as SO ₄ #	4814	524	673	860	1172	658	463	599	-	631	<50	mg/kg	TM50/PM29
Total Sulphate as SO ₄ BRE	-	-	-	-	-	-	-	-	-	-	<0.01	%	TM50/PM29
Water Soluble Boron #	4.5	0.9	0.5	2.2	20.2	1.2	0.5	1.7	-	1.1	<0.1	mg/kg	TM74/PM32
Zinc #	1144	216	194	114	823	46	61	362	-	204	<5	mg/kg	TM30/PM15
Magnesium	-	-	-	-	-	-	-	-	-	-	<0.0001	g/l	TM30/PM20
PAH MS													
Naphthalene #	0.08	0.10	0.13	0.20	0.23	<0.04	<0.04	0.42	-	0.13	<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	0.08	0.13	<0.03	0.10	<0.03	<0.03	0.22	-	0.06	<0.03	mg/kg	TM4/PM8
Acenaphthene #	<0.05	0.13	0.11	0.26	0.41	<0.05	<0.05	1.93	-	0.15	<0.05	mg/kg	TM4/PM8
Fluorene #	<0.04	0.08	0.15	0.14	0.42	<0.04	<0.04	1.33	-	0.08	<0.04	mg/kg	TM4/PM8
Phenanthrene #	0.23	1.53	1.89	1.18	2.50	<0.03	<0.03	17.20	-	1.14	<0.03	mg/kg	TM4/PM8
Anthracene #	0.06	0.41	0.58	0.23	0.55	<0.04	<0.04	4.13	-	0.29	<0.04	mg/kg	TM4/PM8
Fluoranthene #	0.76	3.61	3.54	2.13	3.45	<0.03	<0.03	>>23.87	-	2.33	<0.03	mg/kg	TM4/PM8
Pyrene #	0.68	3.18	3.13	2.05	2.99	<0.03	<0.03	18.56	-	2.12	<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	0.48	1.67	1.80	1.07	1.38	<0.06	<0.06	8.93	-	1.13	<0.06	mg/kg	TM4/PM8
Chrysene #	0.51	1.72	1.72	1.16	1.54	<0.02	<0.02	8.18	-	1.22	<0.02	mg/kg	TM4/PM8
Benzo(b)fluoranthene #	0.91	3.35	3.01	1.85	2.49	<0.07	<0.07	13.02	-	2.29	<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	0.45	2.00	1.89	1.16	1.42	<0.04	<0.04	7.49	-	1.46	<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #	0.37	1.56	1.20	0.78	0.88	<0.04	<0.04	4.91	-	1.05	<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	0.22	0.24	0.13	0.17	<0.04	<0.04	0.89	-	0.16	<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	0.37	1.35	1.19	0.77	0.86	<0.04	<0.04	4.34	-	1.05	<0.04	mg/kg	TM4/PM8
PAH 16 Total	4.9	21.0	20.7	13.1	19.4	<0.6	<0.6	115.4	-	14.7	<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.66	2.41	2.17	1.33	1.79	<0.05	<0.05	9.37	-	1.65	<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.25	0.94	0.84	0.52	0.70	<0.02	<0.02	3.65	-	0.64	<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	90	89	91	93	92	84	88	92	-	89	<0	%	TM4/PM8
Methyl Tertiary Butyl Ether #	-	-	-	-	-	-	-	-	<2	-	<2	ug/kg	TM15/PM10
Benzene #	-	-	-	-	-	-	-	-	<3	-	<3	ug/kg	TM15/PM10
Toluene #	-	-	-	-	-	-	-	-	<3	-	<3	ug/kg	TM15/PM10
Ethylbenzene #	-	-	-	-	-	-	-	-	<3	-	<3	ug/kg	TM15/PM10
m/p-Xylene #	-	-	-	-	-	-	-	-	<5	-	<5	ug/kg	TM15/PM10
o-Xylene #	-	-	-	-	-	-	-	-	<3	-	<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	-	-	-	-	-	-	-	-	104	-	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	-	-	-	-	-	-	-	-	93	-	<0	%	TM15/PM10

Element Materials Technology

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Contact: Emma Welch
EMT Job No: 23/9613

Report : Solid

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

EMT Sample No.	93-95	102-104	108-110	119-121	125-127	143-145	161-163	164-166	173-175	176-178	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP13	TP15	TP16	TP17	TP20	TP22	TP23	TP25	TP25	TP26			
Depth	2.00	1.00	0.80	3.50	1.00	3.40	3.00	0.30	3.00	0.20			
COC No / misc													
Containers	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T			
Sample Date	08/06/2023	09/06/2023	09/06/2023	09/06/2023	08/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023	08/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #	-	-	-	-	-	-	-	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #	-	-	-	-	-	-	-	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	-	-	-	-	-	-	-	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #	-	-	-	-	-	-	-	-	<0.2	-	<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #	-	-	-	-	-	-	-	-	<4	-	<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #	-	-	-	-	-	-	-	-	12	-	<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #	-	-	-	-	-	-	-	-	89	-	<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	-	-	-	-	-	-	-	-	101	-	<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Aromatics													
>C5-EC7 (HS_1D_AR) #	-	-	-	-	-	-	-	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	-	-	-	-	-	-	-	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #	-	-	-	-	-	-	-	-	<0.1	-	<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	-	-	-	-	-	-	-	-	<0.2	-	<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	-	-	-	-	-	-	-	-	<4	-	<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	-	-	-	-	-	-	-	-	<7	-	<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	-	-	-	-	-	-	-	-	36	-	<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	-	-	-	-	-	-	-	-	36	-	<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	-	-	-	-	-	-	-	-	137	-	<38	mg/kg	TM5/PM8/PM16/PM12/PM10
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	-	<0.15	<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	54.9	40.6	17.5	30.0	14.6	26.9	19.5	10.8	32.5	4.9	<0.1	%	PM4/PM0
Ammoniacal Nitrogen as NH4 Chloride (2:1 Ext BRE) #	-	-	-	-	-	-	-	-	-	-	<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	-	<0.3	<0.3	mg/kg	TM38/PM20
Nitrate as NO3 (2:1 Ext BRE)	-	-	-	-	-	-	-	-	-	-	<0.0025	g/l	TM38/PM20
Sulphate as SO4 (2:1 Ext) #	-	-	-	-	-	-	-	-	-	-	<0.0015	g/l	TM38/PM20
Free Cyanide	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	mg/kg	TM89/PM45
Total Cyanide #	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	-	<0.5	<0.5	mg/kg	TM89/PM45
Sulphide	<10	<10	<10	<10	<10	20	<10	<10	-	<10	<10	mg/kg	TM107/PM45
Thiocyanate	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	-	<0.6	<0.6	mg/kg	TM107/PM45
pH #	7.35	8.17	8.31	7.76	8.07	7.30	6.63	8.33	-	8.20	<0.01	pH units	TM73/PM11

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

Report : Solid

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

EMT Sample No.	195-197	198-200	208-210	222-224	225-227	231-233	237-239	243-244	250-252	259-261	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP27	TP27	TP28	TP29	TP29	WS01	WS03	WS03A	WS06	WS07			
Depth	1.50	2.10	1.80	1.20	2.00	0.70	0.50	0.70	0.90	0.20			
COC No / misc													
Containers	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J	V J T	V J T			
Sample Date	07/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023	08/06/2023	08/06/2023	08/06/2023	08/06/2023	08/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023			
Arsenic #	117.5	7.6	21.5	17.9	-	15.3	10.0	19.7	12.3	14.1	<0.5	mg/kg	TM30/PM15
Cadmium #	<0.1	<0.1	0.5	<0.1	-	1.5	<0.1	<0.1	1.1	<0.1	<0.1	mg/kg	TM30/PM15
Chromium #	57.1	72.4	71.4	63.6	-	68.2	59.3	47.0	74.0	84.1	<0.5	mg/kg	TM30/PM15
Copper #	121	11	110	88	-	134	37	205	72	57	<1	mg/kg	TM30/PM15
Lead #	226	30	53	112	-	68	41	96	162	141	<5	mg/kg	TM30/PM15
Mercury #	<0.1	<0.1	0.2	0.3	-	<0.1	<0.1	<0.1	0.1	0.3	<0.1	mg/kg	TM30/PM15
Nickel #	38.4	15.6	25.8	20.0	-	21.6	20.4	48.9	28.1	23.7	<0.7	mg/kg	TM30/PM15
Selenium #	2	1	<1	2	-	<1	1	<1	<1	<1	<1	mg/kg	TM30/PM15
Sulphur as S	0.19	0.24	0.14	0.17	0.03	0.05	0.04	0.15	0.04	0.16	<0.01	%	TM30/PM15
Total Sulphate as SO4 #	3490	876	1120	967	-	397	180	1015	653	3519	<50	mg/kg	TM50/PM29
Total Sulphate as SO4 BRE	-	-	-	-	0.02	-	-	-	-	-	<0.01	%	TM50/PM29
Water Soluble Boron #	2.2	2.0	1.5	6.1	-	1.0	0.6	0.9	0.9	1.7	<0.1	mg/kg	TM74/PM32
Zinc #	101	46	55	89	-	96	92	395	206	151	<5	mg/kg	TM30/PM15
Magnesium	-	-	-	-	0.0053	-	-	-	-	-	<0.0001	g/l	TM30/PM20
PAH MS													
Naphthalene #	0.11	<0.04	0.07	<0.04	-	0.05	<0.04	0.14	0.08	0.61 ^{AB}	<0.04	mg/kg	TM4/PM8
Acenaphthylene	0.05	<0.03	0.04	<0.03	-	<0.03	<0.03	<0.03	0.06	0.56 ^{AB}	<0.03	mg/kg	TM4/PM8
Acenaphthene #	0.15	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	0.18	1.50 ^{AB}	<0.05	mg/kg	TM4/PM8
Fluorene #	0.15	<0.04	0.06	<0.04	-	<0.04	<0.04	<0.04	0.14	1.20 ^{AB}	<0.04	mg/kg	TM4/PM8
Phenanthrene #	1.32	<0.03	0.27	0.14	-	0.17	0.05	0.63	1.95	11.01 ^{AB}	<0.03	mg/kg	TM4/PM8
Anthracene #	0.44	<0.04	0.07	<0.04	-	<0.04	<0.04	0.13	0.49	6.09 ^{AB}	<0.04	mg/kg	TM4/PM8
Fluoranthene #	1.77	0.06	0.47	0.29	-	0.31	<0.03	0.13	3.03	21.44 ^{AB}	<0.03	mg/kg	TM4/PM8
Pyrene #	1.49	0.06	0.45	0.25	-	0.32	<0.03	0.16	2.68	18.31 ^{AB}	<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	0.95	<0.06	0.34	0.18	-	0.20	<0.06	0.18	1.47	10.40 ^{AB}	<0.06	mg/kg	TM4/PM8
Chrysene #	0.88	0.04	0.28	0.18	-	0.21	<0.02	0.15	1.52	9.23 ^{AB}	<0.02	mg/kg	TM4/PM8
Benzo(b)fluoranthene #	1.48	<0.07	0.51	0.29	-	0.32	<0.07	0.09	2.61	16.42 ^{AB}	<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	0.91	<0.04	0.24	0.15	-	0.20	<0.04	<0.04	1.62	10.31 ^{AB}	<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #	0.60	<0.04	0.21	0.12	-	0.12	<0.04	<0.04	1.07	5.72 ^{AB}	<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	0.08	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04	0.17	0.82 ^{AB}	<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	0.56	<0.04	0.20	0.11	-	0.15	<0.04	<0.04	1.09	5.85 ^{AB}	<0.04	mg/kg	TM4/PM8
PAH 16 Total	10.9	<0.6	3.2	1.7	-	2.1	<0.6	1.6	18.2	119.5 ^{AB}	<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	1.07	<0.05	0.37	0.21	-	0.23	<0.05	0.06	1.88	11.82 ^{AB}	<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.41	<0.02	0.14	0.08	-	0.09	<0.02	0.03	0.73	4.60 ^{AB}	<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	93	82	90	93	-	92	98	94	92	93 ^{AB}	<0	%	TM4/PM8
Methyl Tertiary Butyl Ether #	-	-	<2	-	-	-	-	-	-	-	<2	ug/kg	TM15/PM10
Benzene #	-	-	<3	-	-	-	-	-	-	-	<3	ug/kg	TM15/PM10
Toluene #	-	-	<3	-	-	-	-	-	-	-	<3	ug/kg	TM15/PM10
Ethylbenzene #	-	-	<3	-	-	-	-	-	-	-	<3	ug/kg	TM15/PM10
m/p-Xylene #	-	-	<5	-	-	-	-	-	-	-	<5	ug/kg	TM15/PM10
o-Xylene #	-	-	<3	-	-	-	-	-	-	-	<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	-	-	92	-	-	-	-	-	-	-	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	-	-	91	-	-	-	-	-	-	-	<0	%	TM15/PM10

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

Report : Solid

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

EMT Sample No.	195-197	198-200	208-210	222-224	225-227	231-233	237-239	243-244	250-252	259-261	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP27	TP27	TP28	TP29	TP29	WS01	WS03	WS03A	WS06	WS07			
Depth	1.50	2.10	1.80	1.20	2.00	0.70	0.50	0.70	0.90	0.20			
COC No / misc													
Containers	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J	V J T	V J T			
Sample Date	07/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023	08/06/2023	08/06/2023	08/06/2023	08/06/2023	08/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #	-	-	<0.1	-	-	-	-	-	-	-	<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #	-	-	<0.1	-	-	-	-	-	-	-	<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	-	-	<0.1	-	-	-	-	-	-	-	<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #	-	-	6.7	-	-	-	-	-	-	-	<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #	-	-	71	-	-	-	-	-	-	-	<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #	-	-	149	-	-	-	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #	-	-	109	-	-	-	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	-	-	336	-	-	-	-	-	-	-	<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Aromatics													
>C5-EC7 (HS_1D_AR) #	-	-	<0.1	-	-	-	-	-	-	-	<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	-	-	<0.1	-	-	-	-	-	-	-	<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #	-	-	<0.1	-	-	-	-	-	-	-	<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	-	-	<0.2	-	-	-	-	-	-	-	<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	-	-	19	-	-	-	-	-	-	-	<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	-	-	62	-	-	-	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	-	-	83	-	-	-	-	-	-	-	<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	-	-	164	-	-	-	-	-	-	-	<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	-	-	500	-	-	-	-	-	-	-	<38	mg/kg	TM5/PM8/PM16/PM12/PM10
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	-	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	12.6	24.0	18.4	38.7	11.6	22.3	9.3	17.0	15.1	10.5	<0.1	%	PM4/PM0
Ammoniacal Nitrogen as NH4 Chloride (2:1 Ext BRE) #	-	-	-	-	<0.6	-	-	-	-	-	<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	0.007	-	-	-	-	-	<0.002	g/l	TM38/PM20
Nitrate as NO3 (2:1 Ext BRE)	<0.3	<0.3	<0.3	<0.3	-	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #	-	-	-	-	<0.0025	-	-	-	-	-	<0.0025	g/l	TM38/PM20
	-	-	-	-	0.0294	-	-	-	-	-	<0.0015	g/l	TM38/PM20
Free Cyanide	<0.5	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	mg/kg	TM89/PM45
Total Cyanide #	<0.5	0.6	1.1	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	mg/kg	TM89/PM45
Sulphide	<10	36	<10	<10	-	<10	<10	<10	<10	<10	<10	mg/kg	TM107/PM45
Thiocyanate	<0.6	<0.6	<0.6	<0.6	-	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	mg/kg	TM107/PM45
pH #	8.00	7.25	7.92	6.93	8.76	7.10	8.01	8.12	8.17	8.38	<0.01	pH units	TM73/PM11

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

Report : Solid

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

EMT Sample No.	271-273	286	289	291	294						Please see attached notes for all abbreviations and acronyms		
Sample ID	WS08	WS09	WS11	WS11	WS12								
Depth	1.80	2.50	0.30	1.70	0.60								
COC No / misc													
Containers	V J T	T	T	T	T								
Sample Date	08/06/2023	09/06/2023	09/06/2023	09/06/2023	09/06/2023								
Sample Type	Soil	Soil	Soil	Soil	Soil								
Batch Number	1	1	1	1	1								
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023								
Arsenic #	26.5	16.5	14.3	13.6	8.3						<0.5	mg/kg	TM30/PM15
Cadmium #	0.9	<0.1	0.1	0.7	<0.1						<0.1	mg/kg	TM30/PM15
Chromium #	26.8	78.4	76.1	68.6	70.7						<0.5	mg/kg	TM30/PM15
Copper #	85	60	107	78	31						<1	mg/kg	TM30/PM15
Lead #	90	147	234	39	80						<5	mg/kg	TM30/PM15
Mercury #	0.2	0.1	0.2	0.2	<0.1						<0.1	mg/kg	TM30/PM15
Nickel #	19.4	24.2	22.5	16.3	24.7						<0.7	mg/kg	TM30/PM15
Selenium #	2	<1	<1	<1	1						<1	mg/kg	TM30/PM15
Sulphur as S	0.45	0.18	0.05	0.24	0.04						<0.01	%	TM30/PM15
Total Sulphate as SO4 #	1840	2513	641	614	326						<50	mg/kg	TM50/PM29
Total Sulphate as SO4 BRE	-	-	-	-	-						<0.01	%	TM50/PM29
Water Soluble Boron #	3.4	1.5	1.3	1.3	0.8						<0.1	mg/kg	TM74/PM32
Zinc #	81	155	318	90	88						<5	mg/kg	TM30/PM15
Magnesium	-	-	-	-	-						<0.0001	g/l	TM30/PM20
PAH MS													
Naphthalene #	0.18	0.08	0.57	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
Acenaphthylene	0.06	<0.03	1.59	<0.03	<0.03						<0.03	mg/kg	TM4/PM8
Acenaphthene #	0.09	0.09	0.28	<0.05	0.07						<0.05	mg/kg	TM4/PM8
Fluorene #	0.07	0.08	0.26	0.08	<0.04						<0.04	mg/kg	TM4/PM8
Phenanthrene #	0.67	0.52	5.52	0.20	0.49						<0.03	mg/kg	TM4/PM8
Anthracene #	0.18	0.12	2.20	0.14	0.10						<0.04	mg/kg	TM4/PM8
Fluoranthene #	0.92	0.69	12.20	0.78	0.58						<0.03	mg/kg	TM4/PM8
Pyrene #	0.87	0.64	10.96	0.68	0.58						<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	0.56	0.35	5.30	0.38	0.42						<0.06	mg/kg	TM4/PM8
Chrysene #	0.49	0.35	5.16	0.37	0.43						<0.02	mg/kg	TM4/PM8
Benzo(k)fluoranthene #	0.82	0.52	8.59	0.88	0.83						<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	0.50	0.31	5.51	0.45	0.60						<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #	0.32	0.21	3.18	0.35	0.43						<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	0.06	<0.04	0.43	0.06	0.07						<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	0.40	0.24	3.52	0.36	0.49						<0.04	mg/kg	TM4/PM8
PAH 16 Total	6.2	4.2	65.3	4.7	5.1						<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.59	0.37	6.18	0.63	0.60						<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.23	0.15	2.41	0.25	0.23						<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	85	96	100	96	83						<0	%	TM4/PM8
Methyl Tertiary Butyl Ether #	<2 ^{SV}	<2	-	<2	-						<2	ug/kg	TM15/PM10
Benzene #	<3 ^{SV}	<3	-	<3	-						<3	ug/kg	TM15/PM10
Toluene #	<3 ^{SV}	18	-	<3	-						<3	ug/kg	TM15/PM10
Ethylbenzene #	<3 ^{SV}	<3	-	<3	-						<3	ug/kg	TM15/PM10
m/p-Xylene #	<5 ^{SV}	8	-	<5	-						<5	ug/kg	TM15/PM10
o-Xylene #	<3 ^{SV}	<3	-	<3	-						<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	44 ^{SV}	79	-	85	-						<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	57 ^{SV}	70	-	74	-						<0	%	TM15/PM10

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

Report : Solid

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

EMT Sample No.	271-273	286	289	291	294								
Sample ID	WS08	WS09	WS11	WS11	WS12								
Depth	1.80	2.50	0.30	1.70	0.60								
COC No / misc													
Containers	V J T	T	T	T	T								
Sample Date	08/06/2023	09/06/2023	09/06/2023	09/06/2023	09/06/2023								
Sample Type	Soil	Soil	Soil	Soil	Soil								
Batch Number	1	1	1	1	1								
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023								
											LOD/LOR	Units	Method No.
Please see attached notes for all abbreviations and acronyms													
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #	<0.1 ^{SV}	<0.1	-	<0.1	-						<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #	<0.1 ^{SV}	0.1	-	<0.1	-						<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1 ^{SV}	6.9	-	<0.1	-						<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #	1.5	16.8	-	<0.2	-						<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #	11	<4	-	<4	-						<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #	21	25	-	<7	-						<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #	83	115	-	<7	-						<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	117	164	-	<19	-						<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1 ^{SV}	<0.1	-	<0.1	-						<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1 ^{SV}	<0.1	-	<0.1	-						<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #	<0.1 ^{SV}	0.3	-	<0.1	-						<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	<0.2	-	<0.2	-						<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	13	<4	-	<4	-						<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	61	29	-	<7	-						<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	178	146	-	41	-						<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	252	175	-	41	-						<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	369	339	-	41	-						<38	mg/kg	TM5/PM8/PM16/PM12/PM10
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15						<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	22.2	30.6	7.9	27.9	12.8						<0.1	%	PM4/PM0
Ammoniacal Nitrogen as NH4 Chloride (2:1 Ext BRE) #	-	-	-	-	-						<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3						<0.002	g/l	TM38/PM20
Nitrate as NO3 (2:1 Ext BRE)	-	-	-	-	-						<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #	-	-	-	-	-						<0.0025	g/l	TM38/PM20
Free Cyanide	<0.5	<0.5	-	<0.5	-						<0.0015	g/l	TM38/PM20
Total Cyanide #	0.6	<0.5	<0.5	<0.5	<0.5						<0.5	mg/kg	TM89/PM45
Sulphide	18	18	<10	26	<10						<0.5	mg/kg	TM89/PM45
Thiocyanate	<0.6	<0.6	<0.6	<0.6	<0.6						<10	mg/kg	TM107/PM45
pH #	7.12	10.40	8.57	7.15	8.48						<0.6	mg/kg	TM107/PM45
											<0.01	pH units	TM73/PM11

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

SVOC Report : Solid

EMT Sample No.	14-15	27-29	51-53	60-62	75-77	93-95	143-145	161-163	173-175	198-200	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP02	TP04	TP08	TP09	TP10	TP13	TP22	TP23	TP25	TP27			
Depth	1.50	1.00	1.00	1.00	2.50	2.00	3.40	3.00	3.00	2.10			
COC No / misc Containers	J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T			
Sample Date	08/06/2023	09/06/2023	09/06/2023	08/06/2023	09/06/2023	08/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023			
SVOC MS													
Phenols													
2-Chlorophenol #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Phenol #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Methylnaphthalene #	617	21	<10	52	<10	<10	<10	<10	99	<10	<10	ug/kg	TM16/PM8
Naphthalene	-	-	-	-	-	-	-	-	102	-	<10	ug/kg	TM16/PM8
Acenaphthylene	-	-	-	-	-	-	-	-	29	-	<10	ug/kg	TM16/PM8
Acenaphthene	-	-	-	-	-	-	-	-	126	-	<10	ug/kg	TM16/PM8
Fluorene	-	-	-	-	-	-	-	-	262	-	<10	ug/kg	TM16/PM8
Phenanthrene #	-	-	-	-	-	-	-	-	1434	-	<10	ug/kg	TM16/PM8
Anthracene	-	-	-	-	-	-	-	-	236	-	<10	ug/kg	TM16/PM8
Fluoranthene #	-	-	-	-	-	-	-	-	1777	-	<10	ug/kg	TM16/PM8
Pyrene #	-	-	-	-	-	-	-	-	1521	-	<10	ug/kg	TM16/PM8
Benzo(a)anthracene	-	-	-	-	-	-	-	-	572	-	<10	ug/kg	TM16/PM8
Chrysene	-	-	-	-	-	-	-	-	778	-	<10	ug/kg	TM16/PM8
Benzo(bk)fluoranthene	-	-	-	-	-	-	-	-	1322	-	<10	ug/kg	TM16/PM8
Benzo(a)pyrene	-	-	-	-	-	-	-	-	810	-	<10	ug/kg	TM16/PM8
Indeno(123cd)pyrene	-	-	-	-	-	-	-	-	451	-	<10	ug/kg	TM16/PM8
Dibenzo(ah)anthracene	-	-	-	-	-	-	-	-	144	-	<10	ug/kg	TM16/PM8
Benzo(ghi)perylene	-	-	-	-	-	-	-	-	574	-	<10	ug/kg	TM16/PM8
Benzo(b)fluoranthene	-	-	-	-	-	-	-	-	952	-	<10	ug/kg	TM16/PM8
Benzo(k)fluoranthene	-	-	-	-	-	-	-	-	370	-	<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100	<100	<100	<100	<100	<100	183	<100	<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	178	<100	<100	<100	<100	<100	<100	<100	273	<100	<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Dimethyl phthalate #	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

SVOC Report : Solid

EMT Sample No.	14-15	27-29	51-53	60-62	75-77	93-95	143-145	161-163	173-175	198-200	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP02	TP04	TP08	TP09	TP10	TP13	TP22	TP23	TP25	TP27			
Depth	1.50	1.00	1.00	1.00	2.50	2.00	3.40	3.00	3.00	2.10			
COC No / misc Containers	J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T			
Sample Date	08/06/2023	09/06/2023	09/06/2023	08/06/2023	09/06/2023	08/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023			
SVOC MS													
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Carbazole	<10	<10	<10	23	<10	<10	<10	<10	53	<10	<10	ug/kg	TM16/PM8
Dibenzofuran #	244	<10	<10	32	<10	<10	<10	<10	91	<10	<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorobutadiene #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Isophorone #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Nitrobenzene #	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	116	109	110	116	100	103	116	111	110	116	<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	112	117	115	125	110	114	119	116	131	124	<0	%	TM16/PM8

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

SVOC Report : Solid

EMT Sample No.	208-210	271-273	286	291							Please see attached notes for all abbreviations and acronyms		
Sample ID	TP28	WS08	WS09	WS11									
Depth	1.80	1.80	2.50	1.70									
COC No / misc													
Containers	V J T	V J T	T	T									
Sample Date	07/06/2023	08/06/2023	09/06/2023	09/06/2023									
Sample Type	Soil	Soil	Soil	Soil									
Batch Number	1	1	1	1							LOD/LOR	Units	Method No.
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023									
SVOC MS													
Phenols													
2-Chlorophenol #	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Phenol #	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Methylnaphthalene #	51	71	63	<10							<10	ug/kg	TM16/PM8
Naphthalene	-	-	-	-							<10	ug/kg	TM16/PM8
Acenaphthylene	-	-	-	-							<10	ug/kg	TM16/PM8
Acenaphthene	-	-	-	-							<10	ug/kg	TM16/PM8
Fluorene	-	-	-	-							<10	ug/kg	TM16/PM8
Phenanthrene #	-	-	-	-							<10	ug/kg	TM16/PM8
Anthracene	-	-	-	-							<10	ug/kg	TM16/PM8
Fluoranthene #	-	-	-	-							<10	ug/kg	TM16/PM8
Pyrene #	-	-	-	-							<10	ug/kg	TM16/PM8
Benzo(a)anthracene	-	-	-	-							<10	ug/kg	TM16/PM8
Chrysene	-	-	-	-							<10	ug/kg	TM16/PM8
Benzo(bk)fluoranthene	-	-	-	-							<10	ug/kg	TM16/PM8
Benzo(a)pyrene	-	-	-	-							<10	ug/kg	TM16/PM8
Indeno(123cd)pyrene	-	-	-	-							<10	ug/kg	TM16/PM8
Dibenzo(ah)anthracene	-	-	-	-							<10	ug/kg	TM16/PM8
Benzo(ghi)perylene	-	-	-	-							<10	ug/kg	TM16/PM8
Benzo(b)fluoranthene	-	-	-	-							<10	ug/kg	TM16/PM8
Benzo(k)fluoranthene	-	-	-	-							<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	2988	<100							<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Dimethyl phthalate #	<100	<100	<100	<100							<100	ug/kg	TM16/PM8

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

SVOC Report : Solid

[illegible]

Element Materials Technology

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

VOC Report : Solid

EMT Sample No.	14-15	27-29	51-53	60-62	75-77	93-95	143-145	161-163	173-175	198-200	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP02	TP04	TP08	TP09	TP10	TP13	TP22	TP23	TP25	TP27			
Depth	1.50	1.00	1.00	1.00	2.50	2.00	3.40	3.00	3.00	2.10			
COC No / misc													
Containers	J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T	V J T			
Sample Date	08/06/2023	09/06/2023	09/06/2023	08/06/2023	09/06/2023	08/06/2023	07/06/2023	07/06/2023	07/06/2023	07/06/2023			
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023	14/06/2023			
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Chloromethane #	<3	5	<3	8	<3	6	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	12	<3	6	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3	<3	<3	<3	<3	<3	5	<3	<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	4	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
sec-Butylbenzene #	5	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
4-Isopropyltoluene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
n-Butylbenzene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	84	79	99	67	82	77	88	100	104	87	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	68	68	101	53	74	63	86	95	93	84	<0	%	TM15/PM10

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch
EMT Job No: 23/9613

VOC Report : Solid

EMT Sample No.	208-210	271-273	286	291							Please see attached notes for all abbreviations and acronyms		
Sample ID	TP28	WS08	WS09	WS11									
Depth	1.80	1.80	2.50	1.70									
COC No / misc													
Containers	V J T	V J T	T	T									
Sample Date	07/06/2023	08/06/2023	09/06/2023	09/06/2023									
Sample Type	Soil	Soil	Soil	Soil							LOD/LOR	Units	Method No.
Batch Number	1	1	1	1									
Date of Receipt	14/06/2023	14/06/2023	14/06/2023	14/06/2023									
VOC MS													
Dichlorodifluoromethane	<2	<2 ^{SV}	<2	<2							<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2 ^{SV}	<2	<2							<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2 ^{SV}	<2	<2							<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1 ^{SV}	<1	<1							<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2 ^{SV}	<2	<2							<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2 ^{SV}	<2	<2							<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6 ^{SV}	<6	<6							<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7 ^{SV}	<7	<7							<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Chloroform #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
Benzene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6 ^{SV}	<6	<6							<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
Toluene #	<3	<3 ^{SV}	18	<3							<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5 ^{SV}	8	<5							<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Styrene	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2 ^{SV}	<2	<2							<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3 ^{SV}	5 ⁺	<3							<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3 ^{SV}	<3	<3							<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5 ^{SV}	<5	<5							<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6 ^{SV}	34	<6							<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
4-Isopropyltoluene	<4	<4 ^{SV}	37	<4							<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
n-Butylbenzene	<4	<4 ^{SV}	10	<4							<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7 ^{SV}	<7	<7							<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4 ^{SV}	<4	<4							<4	ug/kg	TM15/PM10
Naphthalene	<27	<27 ^{SV}	85	<27							<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7 ^{SV}	<7	<7							<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	92	44 ^{SV}	79	85							<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	91	57 ^{SV}	70	74							<0	%	TM15/PM10

Matrix : Solid

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Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch

Note:

Asbestos Screen analysis is carried out in accordance with our documented in-house methods PM042 and TM065 and HSG 248 by Stereo and Polarised Light Microscopy using Dispersion Staining Techniques and is covered by our UKAS accreditation. Detailed Gravimetric Quantification and PCOM Fibre Analysis is carried out in accordance with our documented in-house methods PM042 and TM131 and HSG 248 using Stereo and Polarised Light Microscopy and Phase Contrast Optical Microscopy (PCOM). Asbestos sub-samples are retained for not less than 6 months from the date of analysis unless specifically requested.

The LOQ of the Asbestos Quantification is 0.001% dry fibre of dry mass of sample.

Where the sample is not taken by a Element Materials Technology consultant, Element Materials Technology cannot be responsible for inaccurate or unrepresentative sampling.

Where trace asbestos is reported the amount of asbestos will be <0.1%.

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analyst Name	Date Of Analysis	Analysis	Result
23/9613	1	TP01	0.30	2	Charlotte Taylor	27/06/2023	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	27/06/2023	Asbestos Fibres	NAD
					Charlotte Taylor	27/06/2023	Asbestos ACM	NAD
					Charlotte Taylor	27/06/2023	Asbestos Type	NAD
23/9613	1	TP02	1.50	15	Anthony Carman	27/06/2023	General Description (Bulk Analysis)	Brown Soil/Stones
					Anthony Carman	27/06/2023	Asbestos Fibres	NAD
					Anthony Carman	27/06/2023	Asbestos ACM	NAD
					Anthony Carman	27/06/2023	Asbestos Type	NAD
23/9613	1	TP03	1.00	18	Anthony Carman	27/06/2023	General Description (Bulk Analysis)	Brown Soil/Stones
					Anthony Carman	27/06/2023	Asbestos Fibres	NAD
					Anthony Carman	27/06/2023	Asbestos ACM	NAD
					Anthony Carman	27/06/2023	Asbestos Type	NAD
23/9613	1	TP04	1.00	29	Bart Kuznicki	28/06/2023	General Description (Bulk Analysis)	Brown Soil, Stones
					Bart Kuznicki	28/06/2023	Asbestos Fibres	NAD
					Bart Kuznicki	28/06/2023	Asbestos ACM	NAD
					Bart Kuznicki	28/06/2023	Asbestos Type	NAD
23/9613	1	TP06	0.50	34	Charlotte Taylor	27/06/2023	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	27/06/2023	Asbestos Fibres	NAD
					Charlotte Taylor	27/06/2023	Asbestos ACM	NAD
					Charlotte Taylor	27/06/2023	Asbestos Type	NAD
23/9613	1	TP07	0.50	44	Bart Kuznicki	28/06/2023	General Description (Bulk Analysis)	Brown Soil, Stones
					Bart Kuznicki	28/06/2023	Asbestos Fibres	NAD
					Bart Kuznicki	28/06/2023	Asbestos ACM	NAD
					Bart Kuznicki	28/06/2023	Asbestos Type	NAD
23/9613	1	TP08	1.00	53	Charlotte Taylor	27/06/2023	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	27/06/2023	Asbestos Fibres	NAD
					Charlotte Taylor	27/06/2023	Asbestos ACM	NAD
					Charlotte Taylor	27/06/2023	Asbestos Type	NAD
23/9613	1	TP09	1.00	62	Catherine Coles	27/06/2023	General Description (Bulk Analysis)	dusty brown soil
					Catherine Coles	27/06/2023	Asbestos Fibres	NAD
					Catherine Coles	27/06/2023	Asbestos ACM	NAD
					Catherine Coles	27/06/2023	Asbestos Type	NAD

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analyst Name	Date Of Analysis	Analysis	Result
23/9613	1	TP10	2.50	77	Simon Postlewhite	28/06/2023	General Description (Bulk Analysis)	Brown soil/stones
					Simon Postlewhite	28/06/2023	Asbestos Fibres	Fibre Bundles
					Simon Postlewhite	28/06/2023	Asbestos Fibres (2)	Fibre Bundles
					Simon Postlewhite	28/06/2023	Asbestos ACM	NAD
					Simon Postlewhite	28/06/2023	Asbestos ACM (2)	NAD
					Simon Postlewhite	28/06/2023	Asbestos Type	Chrysotile
					Simon Postlewhite	28/06/2023	Asbestos Type (2)	Amosite
23/9613	1	TP11	0.10	83	Simon Postlewhite	28/06/2023	General Description (Bulk Analysis)	Brown soil/stones
					Simon Postlewhite	28/06/2023	Asbestos Fibres	NAD
					Simon Postlewhite	28/06/2023	Asbestos ACM	NAD
					Simon Postlewhite	28/06/2023	Asbestos Type	NAD
23/9613	1	TP13	2.00	95	Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
					Catherine Coles	28/06/2023	Asbestos Type	NAD
23/9613	1	TP15	1.00	104	Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	Fibre Bundles
					Catherine Coles	28/06/2023	Asbestos Fibres (2)	Fibre Bundles
					Catherine Coles	28/06/2023	Asbestos ACM	ACM Debris
					Catherine Coles	28/06/2023	Asbestos ACM (2)	ACM Debris
					Catherine Coles	28/06/2023	Asbestos Type	Chrysotile
					Catherine Coles	28/06/2023	Asbestos Type (2)	Amosite
23/9613	1	TP16	0.80	110	Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
					Catherine Coles	28/06/2023	Asbestos Type	NAD
23/9613	1	TP17	3.50	121	Bart Kuznicki	28/06/2023	General Description (Bulk Analysis)	Brown Soil, Stones
					Bart Kuznicki	28/06/2023	Asbestos Fibres	Fibre Bundles
					Bart Kuznicki	28/06/2023	Asbestos Fibres (2)	Fibre Bundles
					Bart Kuznicki	28/06/2023	Asbestos ACM	NAD
					Bart Kuznicki	28/06/2023	Asbestos ACM (2)	NAD
					Bart Kuznicki	28/06/2023	Asbestos Type	Chrysotile
					Bart Kuznicki	28/06/2023	Asbestos Type (2)	Amosite
23/9613	1	TP20	1.00	127	Catherine Coles	27/06/2023	General Description (Bulk Analysis)	brown soil,debris
					Catherine Coles	27/06/2023	Asbestos Fibres	Fibre Bundles
					Catherine Coles	27/06/2023	Asbestos Fibres (2)	Fibre Bundles
					Catherine Coles	27/06/2023	Asbestos ACM	NAD
					Catherine Coles	27/06/2023	Asbestos ACM (2)	NAD
					Catherine Coles	27/06/2023	Asbestos Type	Chrysotile
					Catherine Coles	27/06/2023	Asbestos Type (2)	Amosite
23/9613	1	TP22	3.40	145	Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
					Catherine Coles	28/06/2023	Asbestos Type	NAD

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analyst Name	Date Of Analysis	Analysis	Result
23/9613	1	TP23	3.00	163	Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
					Catherine Coles	28/06/2023	Asbestos Type	NAD
23/9613	1	TP25	0.30	166	Charlotte Taylor	28/06/2023	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	28/06/2023	Asbestos Fibres	NAD
					Charlotte Taylor	28/06/2023	Asbestos ACM	NAD
					Charlotte Taylor	28/06/2023	Asbestos Type	NAD
23/9613	1	TP26	0.20	178	Charlotte Taylor	28/06/2023	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	28/06/2023	Asbestos Fibres	Fibre Bundles
					Charlotte Taylor	28/06/2023	Asbestos Fibres (2)	Fibre Bundles
					Charlotte Taylor	28/06/2023	Asbestos ACM	NAD
					Charlotte Taylor	28/06/2023	Asbestos ACM (2)	NAD
					Charlotte Taylor	28/06/2023	Asbestos Type	Chrysotile
23/9613	1	TP27	1.50	197	Charlotte Taylor	28/06/2023	Asbestos Type (2)	Amosite
					Bart Kuznicki	28/06/2023	General Description (Bulk Analysis)	Brown Soil, Stones
					Bart Kuznicki	28/06/2023	Asbestos Fibres	Fibre Bundles
					Bart Kuznicki	28/06/2023	Asbestos ACM	Bitumen Products
23/9613	1	TP27	2.10	200	Bart Kuznicki	28/06/2023	Asbestos Type	Amosite
					Bart Kuznicki	28/06/2023	General Description (Bulk Analysis)	Brown Soil, Stones
					Bart Kuznicki	28/06/2023	Asbestos Fibres	NAD
					Bart Kuznicki	28/06/2023	Asbestos ACM	NAD
23/9613	1	TP28	1.80	210	Bart Kuznicki	28/06/2023	Asbestos Type	NAD
					Bart Kuznicki	28/06/2023	General Description (Bulk Analysis)	Brown Soil, Stones
					Bart Kuznicki	28/06/2023	Asbestos Fibres	NAD
					Bart Kuznicki	28/06/2023	Asbestos ACM	NAD
23/9613	1	TP29	1.20	224	Catherine Coles	28/06/2023	Asbestos Type	NAD
					Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
23/9613	1	WS01	0.70	233	Catherine Coles	28/06/2023	Asbestos Type	NAD
					Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
23/9613	1	WS03	0.50	239	Catherine Coles	28/06/2023	Asbestos Type	NAD
					Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
23/9613	1	WS03A	0.70	244	Catherine Coles	28/06/2023	Asbestos Type	NAD
					Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane, Prescot
Contact: Emma Welch

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analyst Name	Date Of Analysis	Analysis	Result
23/9613	1	WS06	0.90	252	Simon Postlewhite	28/06/2023	General Description (Bulk Analysis)	Brown soil/stones
					Simon Postlewhite	28/06/2023	Asbestos Fibres	NAD
					Simon Postlewhite	28/06/2023	Asbestos ACM	NAD
					Simon Postlewhite	28/06/2023	Asbestos Type	NAD
23/9613	1	WS07	0.20	261	Simon Postlewhite	28/06/2023	General Description (Bulk Analysis)	Brown soil/stones
					Simon Postlewhite	28/06/2023	Asbestos Fibres	NAD
					Simon Postlewhite	28/06/2023	Asbestos ACM	NAD
					Simon Postlewhite	28/06/2023	Asbestos Type	NAD
23/9613	1	WS08	1.80	273	Charlotte Taylor	28/06/2023	General Description (Bulk Analysis)	brown soil/stones
					Charlotte Taylor	28/06/2023	Asbestos Fibres	Fibre Bundles
					Charlotte Taylor	28/06/2023	Asbestos Fibres (2)	Fibre Bundles
					Charlotte Taylor	28/06/2023	Asbestos ACM	NAD
					Charlotte Taylor	28/06/2023	Asbestos ACM (2)	NAD
					Charlotte Taylor	28/06/2023	Asbestos Type	Chrysotile
23/9613	1	WS09	2.50	286	Charlotte Taylor	28/06/2023	Asbestos Type (2)	Amosite
					Anthony Carman	03/07/2023	General Description (Bulk Analysis)	Brown Soil/Stones
					Anthony Carman	03/07/2023	Asbestos Fibres	NAD
					Anthony Carman	03/07/2023	Asbestos ACM	NAD
23/9613	1	WS11	0.30	289	Anthony Carman	03/07/2023	Asbestos Type	NAD
					Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	Fibre Bundles
					Catherine Coles	28/06/2023	Asbestos Fibres (2)	Fibre Bundles
23/9613	1	WS11	1.70	291	Catherine Coles	28/06/2023	Asbestos ACM	ACM Debris
					Catherine Coles	28/06/2023	Asbestos ACM (2)	NAD
					Catherine Coles	28/06/2023	Asbestos Type	Chrysotile
					Catherine Coles	28/06/2023	Asbestos Type (2)	Amosite
23/9613	1	WS12	0.60	294	Catherine Coles	28/06/2023	General Description (Bulk Analysis)	brown soil,stone
					Catherine Coles	28/06/2023	Asbestos Fibres	NAD
					Catherine Coles	28/06/2023	Asbestos ACM	NAD
					Catherine Coles	28/06/2023	Asbestos Type	NAD

Element Materials Technology

Notification of Deviating Samples

Client Name: Groundtech Consulting Limited

Matrix : Solid

Reference: GRO-22463

Location: Carr Lane, Prescot

Contact: Emma Welch

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
23/9613	1	TP01	0.30	1-2	PAH	Sample holding time exceeded
23/9613	1	TP02	1.50	14-15	Cyanide, EPH, PAH, SVOC, VOC	Sample holding time exceeded
23/9613	1	TP03	1.00	17-18	PAH	Sample holding time exceeded
23/9613	1	TP04	1.00	27-29	EPH, GRO, PAH	Sample holding time exceeded
23/9613	1	TP06	0.50	33-34	Cyanide, PAH	Sample holding time exceeded
23/9613	1	TP07	0.50	42-44	PAH	Sample holding time exceeded
23/9613	1	TP08	1.00	51-53	EPH, GRO, PAH	Sample holding time exceeded
23/9613	1	TP09	1.00	60-62	EPH, GRO, PAH	Sample holding time exceeded
23/9613	1	TP10	2.50	75-77	EPH, GRO, PAH	Sample holding time exceeded
23/9613	1	TP11	0.10	81-83	PAH	Sample holding time exceeded
23/9613	1	TP13	2.00	93-95	PAH	Sample holding time exceeded
23/9613	1	TP15	1.00	102-104	PAH	Sample holding time exceeded
23/9613	1	TP16	0.80	108-110	PAH	Sample holding time exceeded
23/9613	1	TP17	3.50	119-121	PAH	Sample holding time exceeded
23/9613	1	TP20	1.00	125-127	PAH	Sample holding time exceeded
23/9613	1	TP22	3.40	143-145	Cyanide, PAH, SVOC, VOC	Sample holding time exceeded
23/9613	1	TP23	3.00	161-163	Cyanide, PAH, SVOC, VOC	Sample holding time exceeded
23/9613	1	TP25	0.30	164-166	Cyanide, PAH	Sample holding time exceeded
23/9613	1	TP25	3.00	173-175	EPH, GRO, SVOC, VOC	Sample holding time exceeded
23/9613	1	TP26	0.20	176-178	PAH	Sample holding time exceeded
23/9613	1	TP27	1.50	195-197	Cyanide, PAH	Sample holding time exceeded
23/9613	1	TP27	2.10	198-200	Cyanide, PAH, SVOC, VOC	Sample holding time exceeded
23/9613	1	TP28	1.80	208-210	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating.

Only analyses which are accredited are recorded as deviating if set criteria are not met.

Element Materials Technology **Notification of Deviating Samples**

Notification of Deviating Samples

Client Name: Groundtech Consulting Limited **Matrix : Solid**

Reference: GRO-22463

Location: Carr Lane, Prescot

Contact: Emma Welch

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating.

Only analyses which are accredited are recorded as deviating if set criteria are not met.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 23/9613

SOILS and ASH

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

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

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

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

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

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

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C. Ash samples are dried at 37°C ±5°C.

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

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

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

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

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

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

WATERS

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

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

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

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

STACK EMISSIONS

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

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

DEVIATING SAMPLES

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

SURROGATES

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

DILUTIONS

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

BLANKS

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

NOTE

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

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

Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

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

Measurement Uncertainty

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

Customer Provided Information

Sample ID and depth is information provided by the customer.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above quantitative calibration range. The result should be considered the minimum value and is indicative only. The actual result could be significantly higher.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range
AA	x5 Dilution
AB	x10 Dilution

HWOL ACRONYMS AND OPERATORS USED

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

EMT Job No: 23/9613

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.	PM0	No preparation is required.			AR	
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM16	Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes		AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details			AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details	Yes		AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes

EMT Job No: 23/9613

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM26	Determination of phenols by Reversed Phased High Performance Liquid Chromatography and Electro-Chemical Detection.	PM21B	As Received samples are extracted in Methanol: Water (60:40) by reciprocal shaker.			AR	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry); WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009; SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 °C. Samples containing asbestos are not dried and ground.			AD	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry); WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009; SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 °C. Samples containing asbestos are not dried and ground.	Yes		AD	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry); WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009; SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AD	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes		AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AR	Yes

EMT Job No: 23/9613

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/S ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes		AR	Yes
TM50	Acid soluble sulphate (Total Sulphate) analysed by ICP-OES	PM29	A hot hydrochloric acid digest is performed on a dried and ground sample, and the resulting liquor is analysed.			AD	Yes
TM50	Acid soluble sulphate (Total Sulphate) analysed by ICP-OES	PM29	A hot hydrochloric acid digest is performed on a dried and ground sample, and the resulting liquor is analysed.	Yes		AD	Yes
TM65	Asbestos Bulk Identification method based on HSG 248 Second edition (2021)	PM42	Modified SCA Blue Book V.12 draft 2017 and WM3 1st Edition v1.1:2018. Solid samples undergo a thorough visual inspection for asbestos fibres prior to asbestos identification using TM065.	Yes		AR	
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM11	Extraction of as received solid samples using one part solid to 2.5 parts deionised water.	Yes		AR	No
TM74	Analysis of water soluble boron (20:1 extract) by ICP-OES.	PM32	Hot water soluble boron is extracted from dried and ground samples using a 20:1 ratio.	Yes		AD	Yes
TM89	Modified USEPA method OIA-1667 (1999). Determination of cyanide by Flow Injection Analyser. Where WAD cyanides are required a Ligand displacement step is carried out before analysis.	PM45	As received solid samples are extracted with 1M NaOH by orbital shaker for Cyanide, Sulphide and Thiocyanate analysis.			AR	Yes
TM89	Modified USEPA method OIA-1667 (1999). Determination of cyanide by Flow Injection Analyser. Where WAD cyanides are required a Ligand displacement step is carried out before analysis.	PM45	As received solid samples are extracted with 1M NaOH by orbital shaker for Cyanide, Sulphide and Thiocyanate analysis.	Yes		AR	Yes
TM107	Determination of Sulphide/Thiocyanate by Skalar Continuous Flow Analyser	PM45	As received solid samples are extracted with 1M NaOH by orbital shaker for Cyanide, Sulphide and Thiocyanate analysis.			AR	Yes
TM15_A	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds, Vinyl Chloride & Styrene by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes

APPENDIX 5 - Geotechnical Testing Results



LABORATORY REPORT



Contract Number: PSL23/4872

Report Date: 04 August 2023
Client's Reference: 22463
Client Name: Groundtech Consulting
First Floor
Lloyd House
Orford Court
Greenfold Way
WN7 3XJ

For the attention of: Emma Welch

Project Name: Carr Lane, Prescott
Date Received: 22/6/2023
Date Commenced: 22/6/2023
Date Completed: 04/08/2023

Notes: Opinions and Interpretations are outside the UKAS Accreditation

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

Checked and Approved Signatories:

A Watkins
(Director)

R Berriman
(Quality Manager)

S Royle
(Laboratory Manager)

L Knight
(Assistant Laboratory Manager)

S Eyre
(Senior Technician)


M Fennell
(Senior Technician)

5 – 7 Hexthorpe Road,
Hexthorpe,
Doncaster,
DN4 0AR
Tel: 01302 768098
Email: rberriman@prosoils.co.uk
awatkins@prosoils.co.uk

Page 1 of

SUMMARY OF LABORATORY SOIL DESCRIPTIONS

[illegible]

Carr Lane, Prescot

Contract No:

PSL23/4872

Client Ref:

GRO-22463

SUMMARY OF SOIL CLASSIFICATION TESTS

(BS1377 : PART 2 : 1990)

[illegible]

SYMBOLS : NP : Non Plastic

*** : Liquid Limit and Plastic Limit Wet Sieved.**



Carr Lane, Prescot

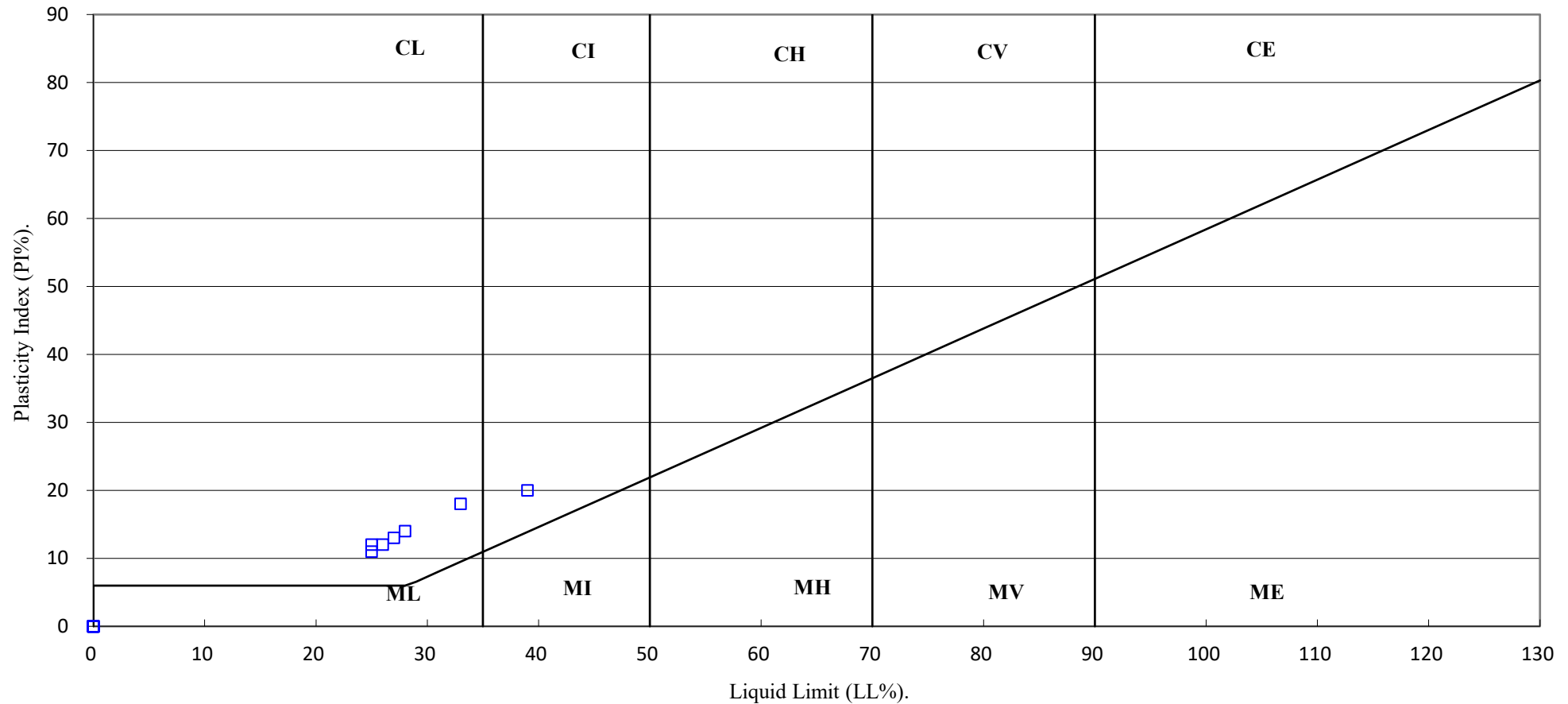
Contract No:

PSL23/4872

Client Ref:

GRO-22463

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.



Carr Lane, Prescott

Contract No:

PSL23/4872

Client Ref:

GRO-22463

UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION

WITHOUT MEASUREMENT OF PORE PRESSURE

BS1377 : Part7 : 1990: Clause 8

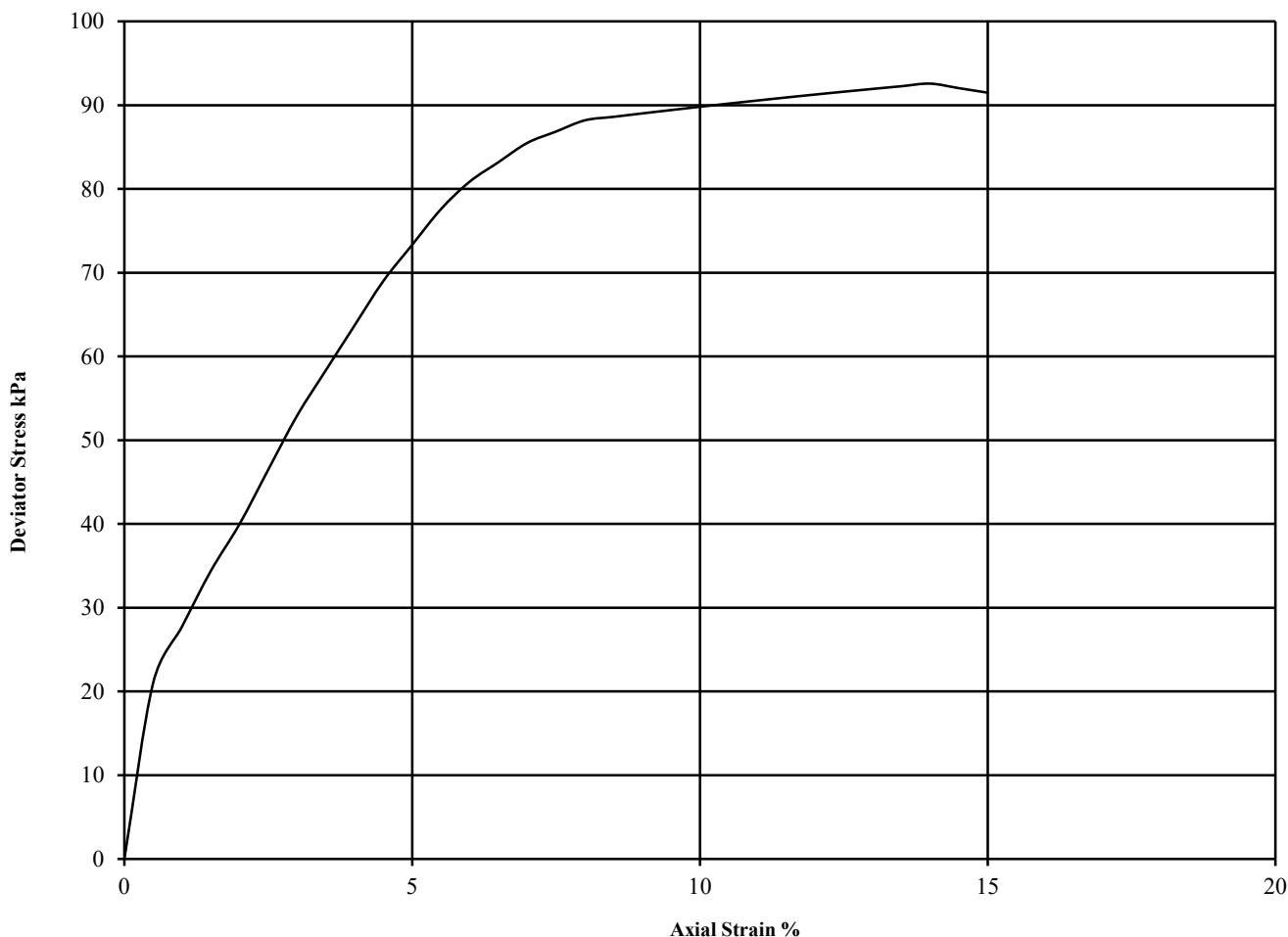
Hole Number: WS11

Top Depth (m): 2.50

Sample Number:

Base Depth (m): 3.00

Sample Type U



Diameter (mm):		72	Height (mm):		144	Test:	UU Single Stage		Remarks:
Specimen	Moisture Content (%)	Bulk Density (Mg/m3)	Dry Density (Mg/m3)	Cell Pressure (kPa)	Corr. Max. Deviator Stress (kPa)	Shear Strength Cu (kPa)	Failure Strain (%)	Mode of Failure	Undisturbed Sample
				θ_3	$(\theta_1 - \theta_3)_f$	$\frac{1}{2}(\theta_1 - \theta_3)_f$			Sample taken from top of tube
									Rate of strain = 2 %/min
									Latex Membrane used 0.2 mm thick,
									Correction applied 0.47
1	15	2.20	1.92	50	93	46	14.0	Plastic	See summary of soil descriptions



Carr Lane, Prescott

Contract No:

PSL23/4872

Client Ref:

GRO-22463

Groundtech Consulting Limited
PO Box 499
Manchester
United Kingdom
M28 8EE



4225



Attention : Emma Welch
Date : 30th June, 2023
Your reference : GRO-22463
Our reference : Test Report 23/10201 Batch 1
Location : Carr Lane Prescott
Date samples received : 22nd June, 2023
Status : Final Report
Issue : 1

Seven samples were received for analysis on 22nd June, 2023 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Client Name: Groundtech Consulting Limited
Reference: GRO-22463
Location: Carr Lane Prescot
Contact: Emma Welch
EMT Job No: 23/10201

Report : Solid

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

EMT Sample No.	1	2	3	4	6	7					Please see attached notes for all abbreviations and acronyms		
Sample ID	TP02	TP13	TP15	TP20	WS03A	WS08							
Depth	2.50	3.00	2.50	3.00	1.80	2.00							
COC No / misc													
Containers	T	T	T	T	T	T							
Sample Date	08/06/2023	08/06/2023	09/06/2023	08/06/2023	08/06/2023	08/06/2023							
Sample Type	Soil	Soil	Soil	Soil	Soil	Soil							
Batch Number	1	1	1	1	1	1							
Date of Receipt	22/06/2023	22/06/2023	22/06/2023	22/06/2023	22/06/2023	22/06/2023					LOD/LOR	Units	Method No.
Sulphur as S	0.30	0.03	0.02	<0.01	0.01	0.74					<0.01	%	TM30/PM13
Total Sulphate as SO4 BRE	0.16	0.03	0.02	0.01	0.01	0.27					<0.01	%	TM50/PM25
Magnesium	0.0073	0.0049	0.0071	0.0063	0.0067	0.0310					<0.0001	g/l	TM30/PM25
Natural Moisture Content	16.1	19.3	9.6	13.6	13.0	60.8					<0.1	%	PM4/PM0
Ammoniacal Nitrogen as NH4	11.4	<0.6	<0.6	<0.6	<0.6	5.3					<0.6	mg/kg	TM38/PM25
Chloride (2:1 Ext BRE) #	0.005	0.010	0.006	0.003	0.007	0.021					<0.002	g/l	TM38/PM25
Nitrate as NO3 (2:1 Ext BRE)	<0.0025	0.0033	<0.0025	<0.0025	<0.0025	<0.0025					<0.0025	g/l	TM38/PM25
Sulphate as SO4 (2:1 Ext) #	0.1834	0.0714	0.0446	0.0469	0.0572	0.7344					<0.0015	g/l	TM38/PM25
pH #	5.94	6.65	8.41	8.05	7.31	6.47					<0.01	pH units	TM73/PM1

Client Name: Groundtech Consulting Limited

Reference: GRO-22463

Location: Carr Lane Prescot

Contact: Emma Welch

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 23/10201

SOILS and ASH

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

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

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

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

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

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

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C. Ash samples are dried at 37°C ±5°C.

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

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

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

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

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

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

WATERS

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

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

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

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

STACK EMISSIONS

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

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

DEVIATING SAMPLES

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

SURROGATES

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

DILUTIONS

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

BLANKS

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

NOTE

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

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

Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

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

Measurement Uncertainty

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

Customer Provided Information

Sample ID and depth is information provided by the customer.

ABBREVIATIONS and ACRONYMS USED

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

HWOL ACRONYMS AND OPERATORS USED

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

EMT Job No: 23/10201

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.	PM0	No preparation is required.			AR	
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 °C. Samples containing asbestos are not dried and ground.			AD	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013I	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013I	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes		AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013I	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AR	Yes
TM50	Acid soluble sulphate (Total Sulphate) analysed by ICP-OES	PM29	A hot hydrochloric acid digest is performed on a dried and ground sample, and the resulting liquor is analysed.			AD	Yes
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM11	Extraction of as received solid samples using one part solid to 2.5 parts deionised water.	Yes		AR	No



APPENDIX 6 - Interim Permanent Gas Monitoring Results

SITE NAME:		CARR LANE, PRESCOT				ENGINEER:		Jack Perkins				
CLIENT:		UNITED LIVING				DATE:		21/07/2023				
JOB NO:		GRO-22463										
Pressure Trend:		Steady	Weather:	Overcast			Equipment:		GFM 436			
Ambient:		O ₂ (%v/v)	CH ₄ (%v/v)	CO ₂ (%v/v)	LEL	H ₂ S (ppm)	CO (ppm)					
Start		20.7	0.0	0.0	0.0	0.0	0.0					
Finish		20.7	0.0	0.0	0.0	0.0	0.0					

BH Ref.	Gas Flow Rate (l/hr)		Borehole Pressure (mb)	Methane (%v/v)			Carbon Dioxide (%v/v)		Oxygen (%v/v)		Hydrogen Sulphide (ppm)		Carbon Monoxide (ppm)		Q _{hg} CO ₂ (l/hr)	Q _{hg} CH ₄ (l/hr)	Atmos Press (mb)	PID (ppm)	Sheen (Y/N)	LNAPL (Y/N)	DNAPL (Y/N)	Depth to Water (m bgl)
	Peak	Steady		Peak	Steady	LEL	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady								
WS02	0.0	0.0	0.00	0.0	0.0	0.0	6.0	6.0	14.7	14.7	0.0	0.0	0.0	0.0	0.0060	0.0000	1002	-	N	N/A	N/A	NGW
WS03A	0.0	0.0	0.00	0.0	0.0	0.0	4.5	4.0	17.0	17.3	0.0	0.0	0.0	0.0	0.0045	0.0000	1003	-	N	N/A	N/A	1.50
WS05	0.0	0.0	0.00	0.0	0.0	0.0	10.4	5.3	7.8	13.7	0.0	0.0	0.0	0.0	0.0104	0.0000	1003	-	N	N/A	N/A	NGW
WS07	0.0	0.0	0.00	0.0	0.0	0.0	9.0	8.0	9.4	10.2	0.0	0.0	0.0	0.0	0.0090	0.0000	1004	-	N	N/A	N/A	NGW
WS08	0.0	0.0	0.00	0.0	0.0	0.0	14.1	13.6	1.0	1.9	0.0	0.0	0.0	0.0	0.0141	0.0000	1004	-	N	N/A	N/A	1.32
WS09	0.0	0.0	0.00	0.0	0.0	0.0	9.7	9.6	0.6	0.9	0.0	0.0	0.0	0.0	0.0097	0.0000	1003	-	N	N/A	N/A	2.10
WS11	0.0	0.0	0.00	0.0	0.0	0.0	9.5	0.2	8.5	20.6	0.0	0.0	0.0	0.0	0.0095	0.0000	1004	-	N	N/A	N/A	1.32
WS12	0.0	0.0	0.00	0.0	0.0	0.0	6.0	5.8	12.8	12.6	0.0	0.0	0.0	0.0	0.0060	0.0000	1004	-	N	N/A	N/A	NGW

Notes:

SITE NAME:		CARR LANE, PRESCOT				ENGINEER:		Jack Perkins				
CLIENT:		UNITED LIVING				DATE:		25/07/2023				
JOB NO:		GRO-22463										
Pressure Trend:		Rising	Weather:	Sunny			Equipment:		GFM 436			
Ambient:		O ₂ (%v/v)	CH ₄ (%v/v)	CO ₂ (%v/v)	LEL	H ₂ S (ppm)	CO (ppm)					
Start		20.6	0.0	0.0	0.0	0.0	0.0					
Finish		20.6	0.0	0.0	0.0	0.0	0.0					

BH Ref.	Gas Flow Rate (l/hr)		Borehole Pressure (mb)	Methane (%v/v)			Carbon Dioxide (%v/v)		Oxygen (%v/v)		Hydrogen Sulphide (ppm)		Carbon Monoxide (ppm)		Q _{hg} CO ₂ (l/hr)	Q _{hg} CH ₄ (l/hr)	Atmos Press (mb)	PID (ppm)	Sheen (Y/N)	LNAPL (Y/N)	DNAPL (Y/N)	Depth to Water (m bgl)
	Peak	Steady		Peak	Steady	LEL	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady								
WS02	0.0	0.0	0.00	0.0	0.0	0.0	4.8	4.8	14.3	14.3	0.0	0.0	0.0	0.0	0.0048	0.0000	1001	-	N	N/A	N/A	0.89
WS03A	0.0	0.0	0.00	0.0	0.0	0.0	5.8	5.4	14.9	15.0	0.0	0.0	0.0	0.0	0.0058	0.0000	1001	-	N	N/A	N/A	1.38
WS05	0.0	0.0	0.00	0.0	0.0	0.0	13.0	3.0	1.2	16.4	0.0	0.0	0.0	0.0	0.0130	0.0000	1001	-	N	N/A	N/A	NGW
WS07	0.0	0.0	0.00	0.0	0.0	0.0	12.9	12.7	0.1	0.3	0.0	0.0	0.0	0.0	0.0129	0.0000	1001	-	N	N/A	N/A	NGW
WS08	0.0	0.0	0.00	0.0	0.0	0.0	11.8	10.9	0.6	1.9	0.0	0.0	0.0	0.0	0.0118	0.0000	1001	-	N	N/A	N/A	2.18
WS09	0.0	0.0	0.00	0.0	0.0	0.0	9.0	8.6	0.2	0.9	0.0	0.0	0.0	0.0	0.0090	0.0000	1000	-	N	N/A	N/A	1.62
WS11	0.0	0.0	0.00	0.0	0.0	0.0	4.6	4.4	7.3	7.6	0.0	0.0	0.0	0.0	0.0046	0.0000	1002	-	N	N/A	N/A	1.10
WS12	0.0	0.0	0.00	0.0	0.0	0.0	6.0	5.7	11.4	11.6	0.0	0.0	0.0	0.0	0.0060	0.0000	1002	-	N	N/A	N/A	NGW

Notes:

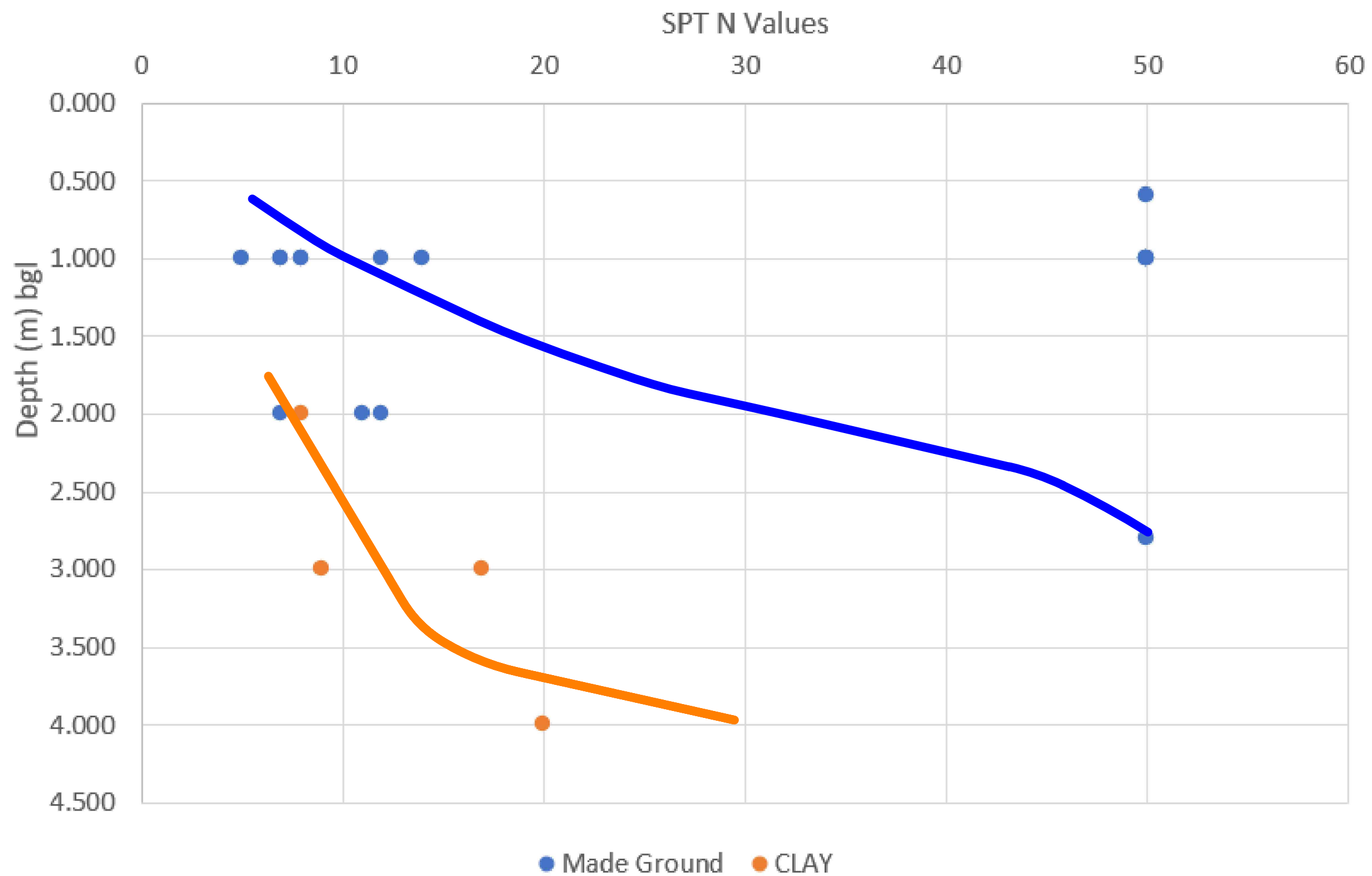
SITE NAME:		CARR LANE, PRESCOT				ENGINEER:		Ethan Hitchcow				
CLIENT:		UNITED LIVING				DATE:		03/08/2023				
JOB NO:		GRO-22463										
Pressure Trend:		Falling	Weather:	Overcast			Equipment:		GFM 436			
Ambient:		O ₂ (%v/v)	CH ₄ (%v/v)	CO ₂ (%v/v)	LEL	H ₂ S (ppm)	CO (ppm)					
Start		20.6	0.0	0.0	0.0	0.0	0.0					
Finish		20.6	0.0	0.0	0.0	0.0	0.0					

BH Ref.	Gas Flow Rate (l/hr)		Borehole Pressure (mb)	Methane (%v/v)			Carbon Dioxide (%v/v)		Oxygen (%v/v)		Hydrogen Sulphide (ppm)		Carbon Monoxide (ppm)		Q _{hg} CO ₂ (l/hr)	Q _{hg} CH ₄ (l/hr)	Atmos Press (mb)	PID (ppm)	Sheen (Y/N)	LNAPL (Y/N)	DNAPL (Y/N)	Depth to Water (m bgl)
	Peak	Steady		Peak	Steady	LEL	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady								
WS02	0.0	0.0	0.00	0.0	0.0	0.0	12.7	12.6	2.2	2.5	0.0	0.0	0.0	0.0	0.0127	0.0000	1000	-	N	N/A	N/A	NGW
WS03A	0.0	0.0	0.00	0.0	0.0	0.0	7.6	7.4	8.3	8.6	0.0	0.0	0.0	0.0	0.0076	0.0000	1001	-	N	N/A	N/A	NGW
WS05	0.0	0.0	0.00	0.0	0.0	0.0	12.4	12.2	0.3	0.8	0.0	0.0	0.0	0.0	0.0124	0.0000	1001	-	N	N/A	N/A	NGW
WS07	10.3	10.3	1.01	0.0	0.0	0.0	0.4	0.1	20.7	21.1	0.0	0.0	0.0	0.0	0.0412	0.0000	1000	-	N	N/A	N/A	NGW
WS08	0.0	0.0	0.00	0.0	0.0	0.0	6.5	1.2	0.2	17.0	0.0	0.0	10.0	0.0	0.0065	0.0000	1000	-	N	N/A	N/A	1.10
WS09	0.0	0.0	0.00	0.0	0.0	0.0	4.7	4.7	15.7	15.7	0.0	0.0	0.0	0.0	0.0047	0.0000	1000	-	N	N/A	N/A	0.68
WS11	0.0	0.0	0.00	0.0	0.0	0.0	6.1	2.4	11.9	15.2	0.0	0.0	0.0	0.0	0.0061	0.0000	1000	-	N	N/A	N/A	1.13
WS12	0.0	0.0	0.00	0.0	0.0	0.0	6.4	6.2	9.7	10.3	0.0	0.0	0.0	0.0	0.0064	0.0000	1001	-	N	N/A	N/A	NGW

Notes:



APPENDIX 7 - Generalised Ground Model



GROUNDTECH
CONSULTING



CLIENT
PARTNER CONSTRUCTIONS LTD

PROJECT TITLE
CARR LANE, PRESCOT

PLAN TITLE
GENERALISED GROUND MODEL

DATE
AUGUST 2023

SCALE
NTS

PLAN NUMBER
GRO-22463-P04

Rev.	Details	Date

Status	
Preliminary	
Draft	
Issued	●
For Comment	
Approved	

Notes



APPENDIX 8 - Generic Screening Values (Residential with Plant Uptake End Use)



Remedial Target Values

Proposed End Use	Unit	Residential with Plant Uptake			Source
SOM	%	1	2.5	6	
Arsenic	mg/kg	37	37	37	LQM S4ULs
Beryllium	mg/kg	1.7	1.7	1.7	LQM S4ULs
Boron (water soluble)	mg/kg	290	290	290	LQM S4ULs
Cadmium	mg/kg	10	10	10	SGVs
Chromium (Total)	mg/kg	910	910	910	LQM S4ULs
Chromium (VI)	mg/kg	21	21	21	DEFRA C4SLs
Copper	mg/kg	2400	2400	2400	LQM S4ULs
Lead	mg/kg	200	200	200	DEFRA C4SLs
Organic Mercury	mg/kg	1.2	1.2	1.2	LQM S4ULs
Nickel	mg/kg	180	180	180	LQM S4ULs
Selenium	mg/kg	350	350	350	SGVs
Vanadium	mg/kg	410	410	410	LQM S4ULs
Zinc	mg/kg	3700	3700	3700	LQM S4ULs
Aliphatic EC 5 - 6	mg/kg	42	78	160	LQM S4ULs
Aliphatic EC 6 - 8	mg/kg	100	230	530	LQM S4ULs
Aliphatic EC 8 - 10	mg/kg	27	65	150	LQM S4ULs
Aliphatic EC 10 - 12	mg/kg	130 (48) ^{vap}	330 (118) ^{vap}	760 (283) ^{vap}	LQM S4ULs
Aliphatic EC 12 - 16	mg/kg	1100 (24) ^{sol}	2400 (59) ^{sol}	4300 (142) ^{sol}	LQM S4ULs
Aliphatic EC 16 - 35	mg/kg	65000 (8.48) ^{f, sol}	92000 (21) ^{f, sol}	110000 ^f	LQM S4ULs
Aliphatic EC 35 - 44	mg/kg	65000 (8.48) ^{f, sol}	92000 (21) ^{f, sol}	110000 ^f	LQM S4ULs
Aromatic EC 5 - 7	mg/kg	70	140	300	LQM S4ULs
Aromatic EC 7 - 8	mg/kg	130	290	660	LQM S4ULs
Aromatic EC 8 - 10	mg/kg	34	83	190	LQM S4ULs
Aromatic EC 10 - 12	mg/kg	74	180	380	LQM S4ULs
Aromatic EC 12 - 16	mg/kg	140	330	660	LQM S4ULs
Aromatic EC 16 - 21	mg/kg	260 ^f	540 ^f	930 ^f	LQM S4ULs
Aromatic EC 21 - 35	mg/kg	1100 ^f	1500 ^f	1700 ^f	LQM S4ULs
Aromatic EC 35 - 44	mg/kg	1100 ^f	1500 ^f	1700 ^f	LQM S4ULs
Benzene	mg/kg	0.33	0.33	0.33	SGVs
Toluene	mg/kg	610	610	610	SGVs
Ethyl Benzene	mg/kg	350	350	350	SGVs
Xylene - o	mg/kg	250	250	250	SGVs
Xylene - m	mg/kg	240	240	240	SGVs
Xylene - p	mg/kg	230	230	230	SGVs
MTBE (methyl tert-butyl)	mg/kg	49	84	160	CL:AIRE 2010
Acenaphthene	mg/kg	210	510	1100	LQM SAULs
Acenaphthylene	mg/kg	170	420	920	LQM S4ULs
Anthracene	mg/kg	2400	5400	11000	LQM S4ULs
Benz(a)anthracene	mg/kg	7.2	11	13	LQM S4ULs
Benzo(a)pyrene	mg/kg	2.2	2.7	5*	DEFRA C4SL*/LQM S4ULs
Benzo(b)fluoranthene	mg/kg	2.6	3.3	3.7	LQM S4ULs
Benzo(ghi)perylene	mg/kg	320	340	350	LQM S4ULs
Benzo(k)fluoranthene	mg/kg	77	93	100	LQM S4ULs
Chrysene	mg/kg	15	22	27	LQM S4ULs
Dibenz(ah)anthracene	mg/kg	0.24	0.28	0.3	LQM S4ULs
Fluoranthene	mg/kg	280	560	890	LQM S4ULs
Fluorene	mg/kg	170	400	860	LQM S4ULs
Indeno(123-cd)pyrene	mg/kg	27	36	41	LQM S4ULs
Naphthalene	mg/kg	2.3 f	5.6 f	13 f	LQM S4ULs
Phenanthrene	mg/kg	95	220	440	LQM S4ULs
Pyrene	mg/kg	620	1200	2000	LQM S4ULs
Phenol	mg/kg	420	420	420	SGVs
Asbestos	No fibres detected				

APPENDIX 9 - CIRIA Risk Assessment Methodology

Contaminated Land Risk Assessment

Contaminated Land Risk Assessment is a technique that identifies and considers the associated risk, determines whether the risks are significant and whether action needs to be taken. The four main stages of risk assessment are:

Hazard Identification ➡ Hazard Assessment ➡ Risk Estimation ➡ Risk Evaluation

LCRM outlines the framework to be followed for risk assessment in the UK. The framework is designed to be consistent with UK legislation and policies including planning. The starting point of the risk assessment is to identify the context of the problem and the objectives of the process.

Formulating and developing a conceptual model for the site is an important requirement of risk assessment, this supports the identification and assessment of pollutant linkages. Development of the conceptual model forms the main part of preliminary risk assessment, and the model is subsequently refined or revised as more information and understanding is obtained through the risk assessment process.

Risk is a combination of the likelihood of an event occurring and the magnitude of its consequences. Therefore, both the likelihood and the consequences of an event must be taken into account when assessing risk.

The risk assessment process needs to take into account the degree of confidence required in decisions. Identification of uncertainties is an essential step in risk assessment.

The likelihood of an event is classified on a four-point system using the following terms and definitions from CIRIA C552:

- **High likelihood:** There is a pollution linkage and an event appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution;
- **Likely:** There is a pollution linkage and all the elements are present and in the right place, which means it is probable that an event will occur. Circumstances are such that the event is not inevitable, but possible in the short term and likely over the long term;
- **Low likelihood:** There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain even over a longer period such event would take place, and is less likely in the short term;
- **Unlikely:** There is a pollution linkage but circumstances are such that it is improbable the event would occur even in the long term.

The severity is also classified using a system based on CIRIA C552. The terms and definitions are:

- **Severe:** Short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resources. Catastrophic damage to buildings or property. A short-term risk to a particular ecosystem or organism forming part of that ecosystem (note definition of ecosystem in 'Draft Circular on Contaminated Land', DETR 2000);
Examples – High concentrations of contaminant on surface of recreation area, major spillage of contaminants from site into controlled waters, explosion causing building to collapse;

- **Medium:** Chronic damage to human health ('significant harm' as defined in DETR 2000). Pollution of sensitive water resources. A significant change in a particular ecosystem or organism forming part of that ecosystem (note definition of ecosystem in 'Draft Circular on Contaminated Land', DETR 2000);
Examples - Concentrations of contaminants exceed the generic assessment criteria, leaching of contaminants from a site to a Principal or Secondary Aquifer, death of species within a designated nature reserve;
- **Mild:** Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ('significant harm' as defined in 'Draft Circular on Contaminated Land', DETR 2000). Damage to sensitive buildings, structures, services or the environment;
Examples – Pollution of non-classified groundwater or damage to buildings rendering it unsafe to occupy.
- **Minor:** harm, not necessarily significant harm, which may result in financial loss or expenditure to resolve. Non-permanent health effects to human health (easily prevented by use of personal protective clothing etc). Easily repairable effects of damage to buildings, structures and services.
Examples – Presence of contaminants at such concentrations PPE is required during site work, loss of plants in landscaping scheme or discolouration of concrete.

Once the likelihood and severity have been determined, a risk category can be assigned using the table below.

		Consequences			
		Severe	Medium	Mild	Minor
Probability	Highly likely	Very high	High	Moderate	Moderate/low
	Likely	High	Moderate	Moderate/low	Low
	Low likelihood	Moderate	Moderate/low	Low	Very low
	Unlikely	Moderate/low	Low	Very Low	Very low

Definitions of the risk categories obtained from the above table are as follows together with an assessment of the further work that might be required:

- **Very high:** There is a high probability that severe harm could arise to a designated receptor from an identified hazard or there is evidence that severe harm is currently happening. This risk, if realised, could result in substantial liability. Urgent investigation and remediation are likely to be required;
- **High:** Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation is required and remedial works may be necessary in the short term and are likely over the longer term;
- **Moderate:** It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it would be more likely to be relatively mild. Investigation is normally required to clarify the risk and determine the liability. Some remedial works may be required in the longer term;
- **Low:** It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild;
- **Very Low:** There is a low possibility that harm could arise to a receptor. In the event of such harm being realised, it is not likely to be severe.



APPENDIX 10 - Waste Classification Report

Waste Classification Report

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

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



HFRUJ-IQCQ4-Y2O00

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

Job name

Carr Lane - HazWaste 1

Description/Comments

Project

GRO-22463

Site

Carr Lane, Prescott

Classified by

Name: **Richard Wyatt**
Date: **08 Aug 2023 07:27 GMT**
Telephone: **07742660133**
Company: **Groundtech Consulting Limited**
First Floor, Lloyd House
Orford Court, Greenfold Way
Leigh
WN7 3XJ

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

HazWasteOnline™ Certification:

Course
Hazardous Waste Classification

Date
50% complete

Purpose of classification

4 - Classification of Waste Products

Address of the waste

Post Code

SIC for the process giving rise to the waste

Description of industry/producer giving rise to the waste

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

Description of the waste

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP01-08/06/2023-0.30m		Non Hazardous		3
2	TP02-08/06/2023-1.50m		Non Hazardous		5
3	TP03-08/06/2023-1.00m		Non Hazardous		11
4	TP04-09/06/2023-1.00m		Non Hazardous		13
5	TP06-08/06/2023-0.50m		Non Hazardous		19
6	TP07-09/06/2023-0.50m		Hazardous	HP 7	21
7	TP08-09/06/2023-1.00m		Non Hazardous		23
8	TP09-08/06/2023-1.00m		Hazardous	HP 7	29
9	TP10-09/06/2023-2.50m		Hazardous	HP 7	35
10	TP11-09/06/2023-0.10m		Hazardous	HP 7	41
11	TP13-08/06/2023-2.00m		Hazardous	HP 7	43
12	TP15-09/06/2023-1.00m		Non Hazardous		49
13	TP16-09/06/2023-0.80m		Non Hazardous		51
14	TP17-09/06/2023-3.50m		Non Hazardous		53
15	TP20-08/06/2023-1.00m		Hazardous	HP 7	55
16	TP22-07/06/2023-3.40m		Non Hazardous		57
17	TP23-07/06/2023-3.00m		Non Hazardous		63
18	TP25-07/06/2023-0.30m		Non Hazardous		69
19	TP25-07/06/2023-3.00m		Non Hazardous		71
20	TP26-08/06/2023-0.20m		Non Hazardous		76
21	TP27-07/06/2023-1.50m		Non Hazardous		78
22	TP27-07/06/2023-2.10m		Non Hazardous		80
23	TP28-07/06/2023-1.80m		Non Hazardous		86
24	TP29-07/06/2023-1.20m		Non Hazardous		92
25	TP29-07/06/2023-2.00m		Non Hazardous		94
26	WS01-08/06/2023-0.70m		Non Hazardous		95
27	WS03-08/06/2023-0.50m		Non Hazardous		97
28	WS03A-08/06/2023-0.70m		Non Hazardous		99
29	WS06-08/06/2023-0.90m		Non Hazardous		101
30	WS07-08/06/2023-0.20m		Non Hazardous		103
31	WS08-08/06/2023-1.80m		Non Hazardous		105
32	WS09-09/06/2023-2.50m		Non Hazardous		111
33	WS11-09/06/2023-0.30m		Non Hazardous		117
34	WS11-09/06/2023-1.70m		Non Hazardous		119
35	WS12-09/06/2023-0.60m		Non Hazardous		125

Related documents

#	Name	Description
1	EMT-23-9613-Batch-1-202307051551.HWOL	Element .hwol file used to populate the Job
2	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Richard Wyatt

Created date: 08 Aug 2023 07:27 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	127
Appendix B: Rationale for selection of metal species	131
Appendix C: Version	131

Classification of sample: TP01-08/06/2023-0.30m

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

Sample details

Sample name:	LoW Code:
TP01-08/06/2023-0.30m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
9.7%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.7% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				9.3	mg/kg	1.32	11.193	mg/kg	0.00112 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.5	mg/kg	3.22	1.468	mg/kg	0.000147 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.3	mg/kg	1.142	0.312	mg/kg	0.0000312 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				75.8	mg/kg	1.462	100.99	mg/kg	0.0101 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				118	mg/kg	1.126	121.107	mg/kg	0.0121 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	127	mg/kg	1.56	180.58	mg/kg	0.0116 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.1	mg/kg	1.353	0.123	mg/kg	0.0000123 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				28.3	mg/kg	2.976	76.781	mg/kg	0.00768 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				1	mg/kg	2.554	2.328	mg/kg	0.000233 %	✓	
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				269	mg/kg	2.774	680.26	mg/kg	0.068 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
13	pH				7.67	pH		7.67	pH	7.67 pH		
			PH									
14	naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	fluorene	201-695-5	86-73-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
30	sulfur { sulfur }	016-094-00-1	231-722-6		400 mg/kg		364.631 mg/kg	0.0365 %	✓	
Total:								0.148 %		

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: TP02-08/06/2023-1.50m

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

Sample details

Sample name:	LoW Code:
TP02-08/06/2023-1.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
21.9%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21.9% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				22.6	mg/kg	1.32	24.479	mg/kg	0.00245 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.9	mg/kg	3.22	5.019	mg/kg	0.000502 %	✓	
	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 (worst case) }				16.8	mg/kg	1.462	20.143	mg/kg	0.00201 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				39	mg/kg	1.126	36.021	mg/kg	0.0036 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	78	mg/kg	1.56	99.808	mg/kg	0.0064 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.222	mg/kg	0.0000222 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				7.5	mg/kg	2.976	18.312	mg/kg	0.00183 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				2	mg/kg	2.554	4.19	mg/kg	0.000419 %	✓	
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				29	mg/kg	2.774	65.997	mg/kg	0.0066 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
13	benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
14	toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
15	ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %			<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
18	pH		PH		5.02 pH		5.02 pH	5.02 pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.63 mg/kg		0.517 mg/kg	0.0000517 %		✓	
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
23	phenanthrene 201-581-5	85-01-8			0.78 mg/kg		0.64 mg/kg	0.000064 %		✓	
24	anthracene 204-371-1	120-12-7			0.06 mg/kg		0.0492 mg/kg	0.00000492 %		✓	
25	fluoranthene 205-912-4	206-44-0			0.13 mg/kg		0.107 mg/kg	0.0000107 %		✓	
26	pyrene 204-927-3	129-00-0			0.12 mg/kg		0.0984 mg/kg	0.00000984 %		✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.15 mg/kg		0.123 mg/kg	0.0000123 %		✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.15 mg/kg		0.123 mg/kg	0.0000123 %		✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.08 mg/kg		0.0656 mg/kg	0.00000656 %		✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.03 mg/kg		0.0246 mg/kg	0.00000246 %		✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			0.09 mg/kg		0.0738 mg/kg	0.00000738 %		✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	• sulfur { sulfur }				4600 mg/kg		3773.585 mg/kg	0.377 %	✓	
	016-094-00-1	231-722-6	7704-34-9							
43	• dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
44	chloromethane; methyl chloride				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
45	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
46	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
47	• trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
48	1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
49	dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
50	• 2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
51	• bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
52	chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
53	1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
54	1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
55	1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
57	• bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
59	• trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
60	1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	• 1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
62	• dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
63	1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
64	chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
65	• 1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
66	bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
67	1,1,2,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
68	bromobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
69	1,2,3-trichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
70	mesitylene; 1,3,5-trimethylbenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
71	tert-butylbenzene	202-632-4	98-06-6		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
72	1,2,4-trimethylbenzene	601-043-00-3	202-436-9		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
73	sec-butylbenzene	205-227-0	135-98-8		0.005 mg/kg		0.0041 mg/kg	0.00000041 %	✓	
74	4-isopropyltoluene	202-796-7	99-87-6		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,3-dichlorobenzene	602-067-00-7	208-792-1		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	n-butylbenzene	203-209-7	104-51-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
79	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
80	1,2,4-trichlorobenzene	602-087-00-6	204-428-0		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
81	hexachlorobutadiene	201-765-5	87-68-3		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
82	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	styrene	601-026-00-0	202-851-5		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	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]	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]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	2,4,5-trichlorophenol	604-017-00-X	202-467-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4,6-trichlorophenol	604-018-00-5	201-795-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	pentachlorophenol	604-002-00-8	201-778-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
93	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
94	2-methyl naphthalene	202-078-3	91-57-6		0.617 mg/kg		0.506 mg/kg	0.0000506 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7								
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7								
97	dibutyl phthalate; DBP				0.178 mg/kg		0.146 mg/kg		0.0000146 %	✓	
	607-318-00-4	201-557-4	84-74-2								
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		204-214-7	117-84-0								
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		201-550-6	84-66-2								
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		205-011-6	131-11-3								
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]								
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2								
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		202-952-4	101-55-3								
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8								
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		230-281-7	7005-72-3								
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3								
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		203-920-2	111-91-1								
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4								
109	carbazole				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		201-696-0	86-74-8								
110	dibenzofuran				0.244 mg/kg		0.2 mg/kg		0.00002 %	✓	
		205-071-3	132-64-9								
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4								
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		200-666-4	67-72-1								
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1								
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7								
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3								
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<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]								
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
118	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg		<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2]	108-39-4 [1] 95-48-7 [2]								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
		203-398-6 [3] 215-293-2 [4]	106-44-5 [3] 1319-77-3 [4]							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3] 612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
Total:								0.402 %		

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 No free phase contamination encountered

Hazard Statements hit:

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

Because of determinand:

sec-butylbenzene: (conc.: 4.1e-07%)

Classification of sample: TP03-08/06/2023-1.00m

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

Sample details

Sample name:	LoW Code:
TP03-08/06/2023-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
8.8%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 8.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20.4	mg/kg	1.32	24.756	mg/kg	0.00248 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.6	mg/kg	3.22	1.776	mg/kg	0.000178 %	✓	
	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 (worst case) }				36.5	mg/kg	1.462	49.032	mg/kg	0.0049 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				44	mg/kg	1.126	45.532	mg/kg	0.00455 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	52	mg/kg	1.56	74.55	mg/kg	0.00478 %	✓	
	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 }				34.8	mg/kg	2.976	95.197	mg/kg	0.00952 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				112	mg/kg	2.774	285.574	mg/kg	0.0286 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
13	pH				7.59	pH		7.59	pH	7.59 pH		
			PH									
14	naphthalene				0.11	mg/kg		0.101	mg/kg	0.0000101 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	fluorene	201-695-5	86-73-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.39 mg/kg		0.358 mg/kg	0.0000358 %	✓	
19	anthracene	204-371-1	120-12-7		0.05 mg/kg		0.046 mg/kg	0.0000046 %	✓	
20	fluoranthene	205-912-4	206-44-0		0.29 mg/kg		0.267 mg/kg	0.0000267 %	✓	
21	pyrene	204-927-3	129-00-0		0.26 mg/kg		0.239 mg/kg	0.0000239 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.18 mg/kg		0.165 mg/kg	0.0000165 %	✓	
23	chrysene	601-048-00-0	205-923-4		0.21 mg/kg		0.193 mg/kg	0.0000193 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.21 mg/kg		0.193 mg/kg	0.0000193 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.08 mg/kg		0.0735 mg/kg	0.00000735 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.13 mg/kg		0.119 mg/kg	0.0000119 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.1 mg/kg		0.0919 mg/kg	0.00000919 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		0.12 mg/kg		0.11 mg/kg	0.000011 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		400 mg/kg		367.647 mg/kg	0.0368 %	✓	
Total:								0.0924 %		

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: TP04-09/06/2023-1.00m

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

Sample details

Sample name:	LoW Code:
TP04-09/06/2023-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
24.9%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 24.9% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				19.6	mg/kg	1.32	20.719	mg/kg	0.00207 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.1	mg/kg	3.22	2.836	mg/kg	0.000284 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				2	mg/kg	1.142	1.829	mg/kg	0.000183 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				63.9	mg/kg	1.462	74.775	mg/kg	0.00748 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				275	mg/kg	1.126	247.894	mg/kg	0.0248 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	554	mg/kg	1.56	691.864	mg/kg	0.0444 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.1	mg/kg	1.353	0.108	mg/kg	0.0000108 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				38.2	mg/kg	2.976	91.027	mg/kg	0.0091 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				341	mg/kg	2.774	757.393	mg/kg	0.0757 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
13	benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
14	toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
15	ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %			<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
18	pH		PH		7.8 pH		7.8 pH	7.8 pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
23	phenanthrene 201-581-5	85-01-8			0.4 mg/kg		0.32 mg/kg	0.000032 %		✓	
24	anthracene 204-371-1	120-12-7			0.09 mg/kg		0.0721 mg/kg	0.00000721 %		✓	
25	fluoranthene 205-912-4	206-44-0			0.61 mg/kg		0.488 mg/kg	0.0000488 %		✓	
26	pyrene 204-927-3	129-00-0			0.54 mg/kg		0.432 mg/kg	0.0000432 %		✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.32 mg/kg		0.256 mg/kg	0.0000256 %		✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.34 mg/kg		0.272 mg/kg	0.0000272 %		✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.41 mg/kg		0.328 mg/kg	0.0000328 %		✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.16 mg/kg		0.128 mg/kg	0.0000128 %		✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.29 mg/kg		0.232 mg/kg	0.0000232 %		✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			0.21 mg/kg		0.168 mg/kg	0.0000168 %		✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			0.2 mg/kg		0.16 mg/kg	0.000016 %		✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
42	 sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		500	mg/kg		400.32	mg/kg	0.04 %	✓	
43	 dichlorodifluoromethane		200-893-9	75-71-8		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
44	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		0.005	mg/kg		0.004	mg/kg	0.0000004 %	✓	
45	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
46	chloroethane	602-009-00-0	200-830-5	75-00-3		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
47	 trichlorofluoromethane		200-892-3	75-69-4		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
48	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
49	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
50	 2,2-dichloropropane		209-832-0	594-20-7		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
51	 bromochloromethane		200-826-3	74-97-5		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
52	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
53	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
54	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
55	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5		<0.006	mg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
56	dibromomethane	602-003-00-8	200-824-2	74-95-3		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
57	 bromodichloromethane		200-856-7	75-27-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
58	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]		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
59	 trans-1,3-dichloropropene		431-460-4	10061-02-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
60	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
61	 1,3-dichloropropane		205-531-3	142-28-9		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
62	 dibromochloromethane		204-704-0	124-48-1		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
63	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
64	chlorobenzene	602-033-00-1	203-628-5	108-90-7		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
65	 1,1,1,2-tetrachloroethane		211-135-1	630-20-6		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
66	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
67	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8	79-34-5		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
68	bromobenzene	602-060-00-9	203-623-8	108-86-1		<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
69	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4		<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
70	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8		<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
71	tert-butylbenzene	202-632-4	98-06-6		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
72	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
73	sec-butylbenzene	205-227-0	135-98-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	4-isopropyltoluene	202-796-7	99-87-6		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	n-butylbenzene	203-209-7	104-51-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
79	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
80	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
81	hexachlorobutadiene	201-765-5	87-68-3		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
82	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	styrene	601-026-00-0	202-851-5	100-42-5	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	3,4-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]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
93	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
94	2-methyl naphthalene	202-078-3	91-57-6		0.021 mg/kg		0.0168 mg/kg	0.00000168 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7								
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7								
97	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2								
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		204-214-7	117-84-0								
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		201-550-6	84-66-2								
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		205-011-6	131-11-3								
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]								
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2								
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		202-952-4	101-55-3								
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8								
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		230-281-7	7005-72-3								
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3								
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		203-920-2	111-91-1								
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4								
109	carbazole				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		201-696-0	86-74-8								
110	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		205-071-3	132-64-9								
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4								
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		200-666-4	67-72-1								
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1								
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7								
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3								
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<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]								
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
118	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg		<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2]	108-39-4 [1] 95-48-7 [2]								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
		203-398-6 [3] 215-293-2 [4]	106-44-5 [3] 1319-77-3 [4]							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3] 612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
Total:								0.205 %		

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(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 No free phase encountered

Hazard Statements hit:

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

Because of determinand:

chloromethane; methyl chloride: (conc.: 4.0e-07%)

Classification of sample: TP06-08/06/2023-0.50m

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

Sample details

Sample name:	LoW Code:
TP06-08/06/2023-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15.6% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				19.7	mg/kg	1.32	22.5	mg/kg	0.00225 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.8	mg/kg	3.22	2.228	mg/kg	0.000223 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				2.6	mg/kg	1.142	2.569	mg/kg	0.000257 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				64	mg/kg	1.462	80.917	mg/kg	0.00809 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				172	mg/kg	1.126	167.52	mg/kg	0.0168 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	131	mg/kg	1.56	176.761	mg/kg	0.0113 %	✓	
	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 }				36.4	mg/kg	2.976	93.716	mg/kg	0.00937 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				159	mg/kg	2.774	381.565	mg/kg	0.0382 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
13	pH				7.32	pH		7.32	pH	7.32 pH		
			PH									
14	naphthalene				0.07	mg/kg		0.0606	mg/kg	0.00000606 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	fluorene	201-695-5	86-73-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.18 mg/kg		0.156 mg/kg	0.0000156 %	✓	
19	anthracene	204-371-1	120-12-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
20	fluoranthene	205-912-4	206-44-0		0.23 mg/kg		0.199 mg/kg	0.0000199 %	✓	
21	pyrene	204-927-3	129-00-0		0.22 mg/kg		0.19 mg/kg	0.000019 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.14 mg/kg		0.121 mg/kg	0.0000121 %	✓	
23	chrysene	601-048-00-0	205-923-4		0.15 mg/kg		0.13 mg/kg	0.000013 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.14 mg/kg		0.121 mg/kg	0.0000121 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.06 mg/kg		0.0519 mg/kg	0.00000519 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.1 mg/kg		0.0865 mg/kg	0.00000865 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.08 mg/kg		0.0692 mg/kg	0.00000692 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
29	benzo[ghi]perylene	205-883-8	191-24-2		0.08 mg/kg		0.0692 mg/kg	0.00000692 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		1200 mg/kg		1038.062 mg/kg	0.104 %	✓	
Total:								0.191 %		

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: TP07-09/06/2023-0.50m

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

Sample details

Sample name:	LoW Code:
TP07-09/06/2023-0.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
14% (dry weight correction)	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

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:

zinc chromate: (compound conc.: 0.113%)

Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				19.5	mg/kg	1.32	22.585	mg/kg	0.00226 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.3	mg/kg	3.22	3.672	mg/kg	0.000367 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				5	mg/kg	1.142	5.01	mg/kg	0.000501 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				70	mg/kg	1.462	89.745	mg/kg	0.00897 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				521	mg/kg	1.126	514.551	mg/kg	0.0515 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	293	mg/kg	1.56	400.9	mg/kg	0.0257 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.3	mg/kg	1.353	0.356	mg/kg	0.0000356 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				39.9	mg/kg	2.976	104.169	mg/kg	0.0104 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				464	mg/kg	2.774	1129.126	mg/kg	0.113 %	✓	
	024-007-00-3	236-878-9	13530-65-9									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
13	pH				7.86 pH		7.86 pH	7.86 pH			
			PH								
14	naphthalene				0.08 mg/kg		0.0702 mg/kg	0.00000702 %		✓	
	601-052-00-2	202-049-5	91-20-3								
15	acenaphthylene				0.1 mg/kg		0.0877 mg/kg	0.00000877 %		✓	
		205-917-1	208-96-8								
16	acenaphthene				0.25 mg/kg		0.219 mg/kg	0.0000219 %		✓	
		201-469-6	83-32-9								
17	fluorene				0.27 mg/kg		0.237 mg/kg	0.0000237 %		✓	
		201-695-5	86-73-7								
18	phenanthrene				6.9 mg/kg		6.053 mg/kg	0.000605 %		✓	
		201-581-5	85-01-8								
19	anthracene				1.85 mg/kg		1.623 mg/kg	0.000162 %		✓	
		204-371-1	120-12-7								
20	fluoranthene				11.94 mg/kg		10.474 mg/kg	0.00105 %		✓	
		205-912-4	206-44-0								
21	pyrene				8.94 mg/kg		7.842 mg/kg	0.000784 %		✓	
		204-927-3	129-00-0								
22	benzo[a]anthracene				4.94 mg/kg		4.333 mg/kg	0.000433 %		✓	
	601-033-00-9	200-280-6	56-55-3								
23	chrysene				4.42 mg/kg		3.877 mg/kg	0.000388 %		✓	
	601-048-00-0	205-923-4	218-01-9								
24	benzo[b]fluoranthene				4.79 mg/kg		4.202 mg/kg	0.00042 %		✓	
	601-034-00-4	205-911-9	205-99-2								
25	benzo[k]fluoranthene				1.86 mg/kg		1.632 mg/kg	0.000163 %		✓	
	601-036-00-5	205-916-6	207-08-9								
26	benzo[a]pyrene; benzo[def]chrysene				3.73 mg/kg		3.272 mg/kg	0.000327 %		✓	
	601-032-00-3	200-028-5	50-32-8								
27	indeno[123-cd]pyrene				2.33 mg/kg		2.044 mg/kg	0.000204 %		✓	
		205-893-2	193-39-5								
28	dibenz[a,h]anthracene				0.32 mg/kg		0.281 mg/kg	0.0000281 %		✓	
	601-041-00-2	200-181-8	53-70-3								
29	benzo[ghi]perylene				1.81 mg/kg		1.588 mg/kg	0.000159 %		✓	
		205-883-8	191-24-2								
30	sulfur { sulfur }				900 mg/kg		789.474 mg/kg	0.0789 %		✓	
	016-094-00-1	231-722-6	7704-34-9								
Total:									0.297 %		

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: TP08-09/06/2023-1.00m

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

Sample details

Sample name:	LoW Code:
TP08-09/06/2023-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
26.1%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 26.1% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				110.5	mg/kg	1.32	115.699	mg/kg	0.0116 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.8	mg/kg	3.22	2.043	mg/kg	0.000204 %	✓	
	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 (worst case) }				66.9	mg/kg	1.462	77.54	mg/kg	0.00775 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				14	mg/kg	1.126	12.5	mg/kg	0.00125 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	13	mg/kg	1.56	16.081	mg/kg	0.00103 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.1	mg/kg	1.353	0.107	mg/kg	0.0000107 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				6.9	mg/kg	2.976	16.286	mg/kg	0.00163 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				18	mg/kg	2.774	39.599	mg/kg	0.00396 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
13	benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
14	toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
15	ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %			<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
18	pH		PH		5.88 pH		5.88 pH	5.88 pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
23	phenanthrene 201-581-5	85-01-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	anthracene 204-371-1	120-12-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
25	fluoranthene 205-912-4	206-44-0			0.05 mg/kg		0.0397 mg/kg	0.00000397 %	✓		
26	pyrene 204-927-3	129-00-0			0.05 mg/kg		0.0397 mg/kg	0.00000397 %	✓		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %			<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	• sulfur { sulfur }				300 mg/kg		237.906 mg/kg	0.0238 %	✓	
	016-094-00-1	231-722-6	7704-34-9							
43	• dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
44	chloromethane; methyl chloride				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
45	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
46	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
47	• trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
48	1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
49	dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
50	• 2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
51	• bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
52	chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
53	1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
54	1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
55	1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
57	• bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
59	• trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
60	1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	• 1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
62	• dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
63	1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
64	chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
65	• 1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
66	bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
67	1,1,2,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
68	bromobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
69	1,2,3-trichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
70	mesitylene; 1,3,5-trimethylbenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
71	tert-butylbenzene	202-632-4	98-06-6		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
72	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
73	sec-butylbenzene	205-227-0	135-98-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
74	4-isopropyltoluene	202-796-7	99-87-6		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
75	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
77	n-butylbenzene	203-209-7	104-51-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
79	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
80	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
81	hexachlorobutadiene	201-765-5	87-68-3		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
82	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
83	styrene	601-026-00-0	202-851-5	100-42-5	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
87	3,4-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]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
88	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
89	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
91	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
93	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

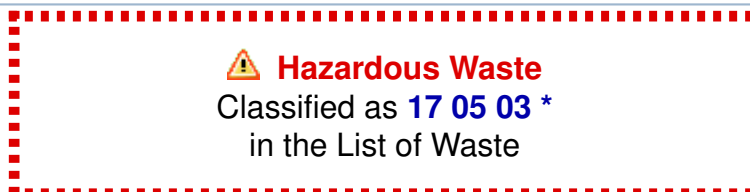
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7								
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7								
97	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2								
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		204-214-7	117-84-0								
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		201-550-6	84-66-2								
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		205-011-6	131-11-3								
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]								
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2								
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		202-952-4	101-55-3								
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8								
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		230-281-7	7005-72-3								
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3								
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		203-920-2	111-91-1								
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4								
109	carbazole				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		201-696-0	86-74-8								
110	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		205-071-3	132-64-9								
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4								
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		200-666-4	67-72-1								
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1								
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7								
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3								
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<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]								
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
118	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg		<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2]	108-39-4 [1] 95-48-7 [2]								

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
			203-398-6 [3] 215-293-2 [4]	106-44-5 [3] 1319-77-3 [4]							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg			<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]								
Total:									0.0518 %		

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: TP09-08/06/2023-1.00m



Sample details

Sample name:	LoW Code:
TP09-08/06/2023-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
21.2%	Entry:
(dry weight correction)	17 05 03 * (Soil and stones containing hazardous substances)

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:

zinc chromate: (compound conc.: 0.14%)

Determinands

Moisture content: 21.2% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		arsenic { arsenic trioxide }				56.6 mg/kg	1.32	61.659 mg/kg	0.00617 %	✓	
		033-003-00-0	215-481-4	1327-53-3							
2		boron { diboron trioxide; boric oxide }				1.4 mg/kg	3.22	3.719 mg/kg	0.000372 %	✓	
		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 (worst case) }				76.6 mg/kg	1.462	92.372 mg/kg	0.00924 %	✓	
			215-160-9	1308-38-9							
5		chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<LOD
		024-017-00-8									
6		copper { dicopper oxide; copper (I) oxide }				436 mg/kg	1.126	405.023 mg/kg	0.0405 %	✓	
		029-002-00-X	215-270-7	1317-39-1							
7		lead { lead chromate }			1	573 mg/kg	1.56	737.437 mg/kg	0.0473 %	✓	
		082-004-00-2	231-846-0	7758-97-6							
8		mercury { mercury dichloride }				1.1 mg/kg	1.353	1.228 mg/kg	0.000123 %	✓	
		080-010-00-X	231-299-8	7487-94-7							
9		nickel { nickel chromate }				97.2 mg/kg	2.976	238.691 mg/kg	0.0239 %	✓	
		028-035-00-7	238-766-5	14721-18-7							
10		selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
		028-031-00-5	239-125-2	15060-62-5							
11		zinc { zinc chromate }				613 mg/kg	2.774	1403.096 mg/kg	0.14 %	✓	
		024-007-00-3	236-878-9	13530-65-9							
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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
		EU CLP index number	EC Number	CAS Number									
13		benzene 601-020-00-8 200-753-7 71-43-2				0.012	mg/kg		0.0099	mg/kg	0.00000099 %	✓	
14		toluene 601-021-00-3 203-625-9 108-88-3				0.004	mg/kg		0.0033	mg/kg	0.00000033 %	✓	
15	●	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
16		xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.011	mg/kg		<0.011	mg/kg	<0.0000011 %		<LOD
17	🧪	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.7	mg/kg	1.884	1.088	mg/kg	0.000109 %	✓	
18	●	pH PH				7.89	pH		7.89	pH	7.89 pH		
19		naphthalene 601-052-00-2 202-049-5 91-20-3				0.08	mg/kg		0.066	mg/kg	0.0000066 %	✓	
20	●	acenaphthylene 205-917-1 208-96-8				0.07	mg/kg		0.0578	mg/kg	0.00000578 %	✓	
21	●	acenaphthene 201-469-6 83-32-9				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
22	●	fluorene 201-695-5 86-73-7				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
23	●	phenanthrene 201-581-5 85-01-8				0.58	mg/kg		0.479	mg/kg	0.0000479 %	✓	
24	●	anthracene 204-371-1 120-12-7				0.21	mg/kg		0.173	mg/kg	0.0000173 %	✓	
25	●	fluoranthene 205-912-4 206-44-0				1.91	mg/kg		1.576	mg/kg	0.000158 %	✓	
26	●	pyrene 204-927-3 129-00-0				1.72	mg/kg		1.419	mg/kg	0.000142 %	✓	
27		benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3				1.27	mg/kg		1.048	mg/kg	0.000105 %	✓	
28		chrysene 601-048-00-0 205-923-4 218-01-9				1.36	mg/kg		1.122	mg/kg	0.000112 %	✓	
29		benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2				1.89	mg/kg		1.559	mg/kg	0.000156 %	✓	
30		benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9				0.73	mg/kg		0.602	mg/kg	0.0000602 %	✓	
31		benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				1.53	mg/kg		1.262	mg/kg	0.000126 %	✓	
32	●	indeno[123-cd]pyrene 205-893-2 193-39-5				1.2	mg/kg		0.99	mg/kg	0.000099 %	✓	
33		dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				0.19	mg/kg		0.157	mg/kg	0.0000157 %	✓	
34	●	benzo[ghi]perylene 205-883-8 191-24-2				1.14	mg/kg		0.941	mg/kg	0.0000941 %	✓	
35		phenol 604-001-00-2 203-632-7 108-95-2				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
36	●	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 107-06-2, 75-34-3 200-863-5				<0.007	mg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
37		tetrachloroethylene 602-028-00-4 204-825-9 127-18-4				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
38		carbon tetrachloride; tetrachloromethane 602-008-00-5 200-262-8 56-23-5				<0.004	mg/kg		<0.004	mg/kg	<0.0000004 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
39	trichloroethylene; trichloroethene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
40	vinyl chloride; chloroethylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
41	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
42	sulfur { sulfur }				1000 mg/kg		825.083 mg/kg	0.0825 %	✓	
	016-094-00-1	231-722-6	7704-34-9							
43	dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
44	chloromethane; methyl chloride				0.008 mg/kg		0.0066 mg/kg	0.00000066 %	✓	
	602-001-00-7	200-817-4	74-87-3							
45	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
46	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
47	trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
48	1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
49	dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
50	2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
51	bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
52	chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
53	1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
54	1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
55	1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
57	bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
59	trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
60	1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
62	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
63	1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
64	chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
65	1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
66	bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
67	1,1,2,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
68	bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.002 mg/kg		<0.002 mg/kg		<0.0000002 %		<LOD
69	1,2,3-trichloropropane 602-062-00-X	202-486-1	96-18-4		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
70	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5	203-604-4	108-67-8		<0.003 mg/kg		<0.003 mg/kg		<0.0000003 %		<LOD
71	tert-butylbenzene 202-632-4	98-06-6			<0.005 mg/kg		<0.005 mg/kg		<0.0000005 %		<LOD
72	1,2,4-trimethylbenzene 601-043-00-3	202-436-9	95-63-6		<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
73	sec-butylbenzene 205-227-0	135-98-8			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
74	4-isopropyltoluene 202-796-7	99-87-6			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
75	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
77	n-butylbenzene 203-209-7	104-51-8			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7	202-425-9	95-50-1		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
79	1,2-dibromo-3-chloropropane 602-021-00-6	202-479-3	96-12-8		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
80	1,2,4-trichlorobenzene 602-087-00-6	204-428-0	120-82-1		<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
81	hexachlorobutadiene 201-765-5	87-68-3			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
82	1,2,3-trichlorobenzene 201-757-1	87-61-6			<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
83	styrene 601-026-00-0	202-851-5	100-42-5		<0.003 mg/kg		<0.003 mg/kg		<0.0000003 %		<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
85	2-nitrophenol 201-857-5	88-75-5			<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
86	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
87	3,4-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] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
88	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
89	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
91	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
92	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
93	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
94	2-methyl naphthalene				0.052 mg/kg		0.0429 mg/kg	0.00000429 %	✓	
		202-078-3	91-57-6							
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
97	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
109	carbazole				0.023 mg/kg		0.019 mg/kg	0.0000019 %	✓	
		201-696-0	86-74-8							
110	dibenzofuran				0.032 mg/kg		0.0264 mg/kg	0.00000264 %	✓	
		205-071-3	132-64-9							
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<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]							
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
118		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]			<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
	602-040-00-X	202-424-3 [1]	95-49-8 [1]								
		203-580-5 [2]	108-41-8 [2]								
		203-397-0 [3]	106-43-4 [3]								
		246-698-2 [4]	25168-05-2 [4]								
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	604-004-00-9	203-577-9 [1]	108-39-4 [1]								
		202-423-8 [2]	95-48-7 [2]								
		203-398-6 [3]	106-44-5 [3]								
		215-293-2 [4]	1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD	
	612-012-00-9	201-855-4 [1]	88-74-4 [1]								
		202-729-1 [2]	99-09-2 [2]								
		202-810-1 [3]	100-01-6 [3]								
Total:								0.352 %			

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 No free phase contamination encountered

Hazard Statements hit:

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

Because of determinands:

benzene: (conc.: 9.9e-07%)

toluene: (conc.: 3.3e-07%)

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 No free phase encountered

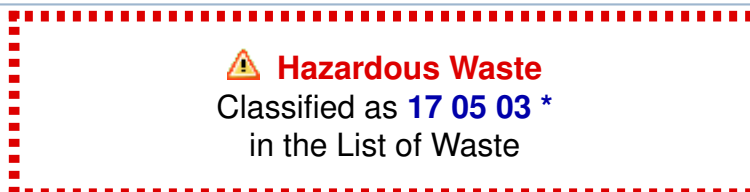
Hazard Statements hit:

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

Because of determinand:

chloromethane; methyl chloride: (conc.: 6.6e-07%)

Classification of sample: TP10-09/06/2023-2.50m



Sample details

Sample name:	LoW Code:	
TP10-09/06/2023-2.50m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
81.3% (dry 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:

zinc chromate: (compound conc.: 0.114%)

Determinands

Moisture content: 81.3% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				22.1	mg/kg	1.32	16.094	mg/kg	0.00161 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				2.5	mg/kg	3.22	4.44	mg/kg	0.000444 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.6	mg/kg	1.142	0.378	mg/kg	0.0000378 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				87.9	mg/kg	1.462	70.861	mg/kg	0.00709 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				109	mg/kg	1.126	67.69	mg/kg	0.00677 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	277	mg/kg	1.56	238.317	mg/kg	0.0153 %	✓	
	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 }				41.7	mg/kg	2.976	68.456	mg/kg	0.00685 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				747	mg/kg	2.774	1143.016	mg/kg	0.114 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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
	EU CLP index number	EC Number	CAS Number								
13	benzene 601-020-00-8	200-753-7	71-43-2		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
14	toluene 601-021-00-3	203-625-9	108-88-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
15	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %			<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
18	pH		PH		7.87 pH		7.87 pH	7.87 pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
23	phenanthrene 201-581-5	85-01-8			0.15 mg/kg		0.0827 mg/kg	0.00000827 %	✓		
24	anthracene 204-371-1	120-12-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
25	fluoranthene 205-912-4	206-44-0			0.15 mg/kg		0.0827 mg/kg	0.00000827 %	✓		
26	pyrene 204-927-3	129-00-0			0.11 mg/kg		0.0607 mg/kg	0.00000607 %	✓		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.15 mg/kg		0.0827 mg/kg	0.00000827 %	✓		
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.09 mg/kg		0.0496 mg/kg	0.00000496 %	✓		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
39	trichloroethylene; trichloroethene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
40	vinyl chloride; chloroethylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
41	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
42	sulfur { sulfur }				700 mg/kg		386.1 mg/kg	0.0386 %	✓	
	016-094-00-1	231-722-6	7704-34-9							
43	dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
44	chloromethane; methyl chloride				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
45	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
46	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
47	trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
48	1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
49	dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
50	2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
51	bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
52	chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
53	1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
54	1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
55	1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
57	bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
59	trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
60	1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
62	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
63	1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
64	chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
65	1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
66	bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
67	1,1,2,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
68	bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
69	1,2,3-trichloropropane 602-062-00-X	202-486-1	96-18-4		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
70	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5	203-604-4	108-67-8		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
71	tert-butylbenzene 202-632-4	98-06-6			<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
72	1,2,4-trimethylbenzene 601-043-00-3	202-436-9	95-63-6		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
73	sec-butylbenzene 205-227-0	135-98-8			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
74	4-isopropyltoluene 202-796-7	99-87-6			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
75	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
77	n-butylbenzene 203-209-7	104-51-8			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7	202-425-9	95-50-1		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
79	1,2-dibromo-3-chloropropane 602-021-00-6	202-479-3	96-12-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
80	1,2,4-trichlorobenzene 602-087-00-6	204-428-0	120-82-1		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
81	hexachlorobutadiene 201-765-5	87-68-3			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
82	1,2,3-trichlorobenzene 201-757-1	87-61-6			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
83	styrene 601-026-00-0	202-851-5	100-42-5		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
85	2-nitrophenol 201-857-5	88-75-5			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
87	3,4-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] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
88	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
89	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
91	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
92	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
93	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
94	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
97	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
109	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8							
110	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<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]							
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
118		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]			<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD	
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]								
Total:								0.192 %			

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: TP11-09/06/2023-0.10m

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

Sample details

Sample name:	LoW Code:
TP11-09/06/2023-0.10m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
18.3% (dry weight correction)	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

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:

zinc chromate: (compound conc.: 0.167%)

Determinands

Moisture content: 18.3% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number								
1		arsenic { arsenic trioxide }				43 mg/kg	1.32	47.992 mg/kg	0.0048 %	✓		
		033-003-00-0	215-481-4	1327-53-3								
2		boron { diboron trioxide; boric oxide }				3.2 mg/kg	3.22	8.71 mg/kg	0.000871 %	✓		
		005-008-00-8	215-125-8	1303-86-2								
3		cadmium { cadmium oxide }				1.5 mg/kg	1.142	1.448 mg/kg	0.000145 %	✓		
		048-002-00-0	215-146-2	1306-19-0								
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				203.2 mg/kg	1.462	251.047 mg/kg	0.0251 %	✓		
			215-160-9	1308-38-9								
5		chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<LOD	
		024-017-00-8										
6		copper { dicopper oxide; copper (I) oxide }				327 mg/kg	1.126	311.213 mg/kg	0.0311 %	✓		
		029-002-00-X	215-270-7	1317-39-1								
7		lead { lead chromate }			1	229 mg/kg	1.56	301.942 mg/kg	0.0194 %	✓		
		082-004-00-2	231-846-0	7758-97-6								
8		mercury { mercury dichloride }				0.1 mg/kg	1.353	0.114 mg/kg	0.0000114 %	✓		
		080-010-00-X	231-299-8	7487-94-7								
9		nickel { nickel chromate }				31.1 mg/kg	2.976	78.243 mg/kg	0.00782 %	✓		
		028-035-00-7	238-766-5	14721-18-7								
10		selenium { nickel selenate }				2 mg/kg	2.554	4.318 mg/kg	0.000432 %	✓		
		028-031-00-5	239-125-2	15060-62-5								
11		zinc { zinc chromate }				712 mg/kg	2.774	1669.647 mg/kg	0.167 %	✓		
		024-007-00-3	236-878-9	13530-65-9								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
13	pH				6.48 pH		6.48 pH	6.48 pH			
			PH								
14	naphthalene				0.12 mg/kg		0.101 mg/kg	0.0000101 %		✓	
	601-052-00-2	202-049-5	91-20-3								
15	acenaphthylene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-917-1	208-96-8								
16	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
17	fluorene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		201-695-5	86-73-7								
18	phenanthrene				0.47 mg/kg		0.397 mg/kg	0.0000397 %		✓	
		201-581-5	85-01-8								
19	anthracene				0.08 mg/kg		0.0676 mg/kg	0.00000676 %		✓	
		204-371-1	120-12-7								
20	fluoranthene				0.43 mg/kg		0.363 mg/kg	0.0000363 %		✓	
		205-912-4	206-44-0								
21	pyrene				0.39 mg/kg		0.33 mg/kg	0.000033 %		✓	
		204-927-3	129-00-0								
22	benzo[a]anthracene				0.31 mg/kg		0.262 mg/kg	0.0000262 %		✓	
	601-033-00-9	200-280-6	56-55-3								
23	chrysene				0.34 mg/kg		0.287 mg/kg	0.0000287 %		✓	
	601-048-00-0	205-923-4	218-01-9								
24	benzo[b]fluoranthene				0.36 mg/kg		0.304 mg/kg	0.0000304 %		✓	
	601-034-00-4	205-911-9	205-99-2								
25	benzo[k]fluoranthene				0.14 mg/kg		0.118 mg/kg	0.0000118 %		✓	
	601-036-00-5	205-916-6	207-08-9								
26	benzo[a]pyrene; benzo[def]chrysene				0.25 mg/kg		0.211 mg/kg	0.0000211 %		✓	
	601-032-00-3	200-028-5	50-32-8								
27	indeno[123-cd]pyrene				0.24 mg/kg		0.203 mg/kg	0.0000203 %		✓	
		205-893-2	193-39-5								
28	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
29	benzo[ghi]perylene				0.24 mg/kg		0.203 mg/kg	0.0000203 %		✓	
		205-883-8	191-24-2								
30	sulfur { sulfur }				2700 mg/kg		2282.333 mg/kg	0.228 %		✓	
	016-094-00-1	231-722-6	7704-34-9								
Total:									0.485 %		

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: TP13-08/06/2023-2.00m

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

Sample details

Sample name:	LoW Code:
TP13-08/06/2023-2.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
54.9%	Entry:
(dry weight correction)	17 05 03 * (Soil and stones containing hazardous substances)

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:

zinc chromate: (compound conc.: 0.205%)

Determinands

Moisture content: 54.9% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	M/C Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		arsenic { arsenic trioxide }				159.5 mg/kg	1.32	135.953 mg/kg	0.0136 %	✓	
		033-003-00-0	215-481-4	1327-53-3							
2		boron { diboron trioxide; boric oxide }				4.5 mg/kg	3.22	9.354 mg/kg	0.000935 %	✓	
		005-008-00-8	215-125-8	1303-86-2							
3		cadmium { cadmium oxide }				2.2 mg/kg	1.142	1.622 mg/kg	0.000162 %	✓	
		048-002-00-0	215-146-2	1306-19-0							
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				93.9 mg/kg	1.462	88.599 mg/kg	0.00886 %	✓	
			215-160-9	1308-38-9							
5		chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<LOD
		024-017-00-8									
6		copper { dicopper oxide; copper (I) oxide }				1003 mg/kg	1.126	729.029 mg/kg	0.0729 %	✓	
		029-002-00-X	215-270-7	1317-39-1							
7		lead { lead chromate }			1	712 mg/kg	1.56	716.971 mg/kg	0.046 %	✓	
		082-004-00-2	231-846-0	7758-97-6							
8		mercury { mercury dichloride }				1.5 mg/kg	1.353	1.311 mg/kg	0.000131 %	✓	
		080-010-00-X	231-299-8	7487-94-7							
9		nickel { nickel chromate }				200.3 mg/kg	2.976	384.859 mg/kg	0.0385 %	✓	
		028-035-00-7	238-766-5	14721-18-7							
10		selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
		028-031-00-5	239-125-2	15060-62-5							
11		zinc { zinc chromate }				1144 mg/kg	2.774	2048.821 mg/kg	0.205 %	✓	
		024-007-00-3	236-878-9	13530-65-9							
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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
	EU CLP index number	EC Number	CAS Number							
13	benzene 601-020-00-8	200-753-7	71-43-2		0.006 mg/kg		0.0038 mg/kg	0.000000387 %	✓	
14	toluene 601-021-00-3	203-625-9	108-88-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
15	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
18	pH		PH		7.35 pH		7.35 pH	7.35 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.08 mg/kg		0.0516 mg/kg	0.00000516 %	✓	
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	phenanthrene 201-581-5	85-01-8			0.23 mg/kg		0.148 mg/kg	0.0000148 %	✓	
24	anthracene 204-371-1	120-12-7			0.06 mg/kg		0.0387 mg/kg	0.00000387 %	✓	
25	fluoranthene 205-912-4	206-44-0			0.76 mg/kg		0.491 mg/kg	0.0000491 %	✓	
26	pyrene 204-927-3	129-00-0			0.68 mg/kg		0.439 mg/kg	0.0000439 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.48 mg/kg		0.31 mg/kg	0.000031 %	✓	
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.51 mg/kg		0.329 mg/kg	0.0000329 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.66 mg/kg		0.426 mg/kg	0.0000426 %	✓	
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.25 mg/kg		0.161 mg/kg	0.0000161 %	✓	
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.45 mg/kg		0.291 mg/kg	0.0000291 %	✓	
32	indeno[123-cd]pyrene 205-893-2	193-39-5			0.37 mg/kg		0.239 mg/kg	0.0000239 %	✓	
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			0.37 mg/kg		0.239 mg/kg	0.0000239 %	✓	
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
39	trichloroethylene; trichloroethene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
40	vinyl chloride; chloroethylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
41	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
42	sulfur { sulfur }				2800 mg/kg		1807.618 mg/kg	0.181 %	✓	
	016-094-00-1	231-722-6	7704-34-9							
43	dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
44	chloromethane; methyl chloride				0.006 mg/kg		0.0038 mg/kg	0.000000387 %	✓	
	602-001-00-7	200-817-4	74-87-3							
45	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
46	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
47	trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
48	1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
49	dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
50	2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
51	bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
52	chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
53	1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
54	1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
55	1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
57	bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
59	trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
60	1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
62	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
63	1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
64	chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
65	1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
66	bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
67	1,1,2,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
68	bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.002 mg/kg		<0.002 mg/kg		<0.0000002 %		<LOD
69	1,2,3-trichloropropane 602-062-00-X	202-486-1	96-18-4		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
70	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5	203-604-4	108-67-8		<0.003 mg/kg		<0.003 mg/kg		<0.0000003 %		<LOD
71	tert-butylbenzene 202-632-4	98-06-6			<0.005 mg/kg		<0.005 mg/kg		<0.0000005 %		<LOD
72	1,2,4-trimethylbenzene 601-043-00-3	202-436-9	95-63-6		<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
73	sec-butylbenzene 205-227-0	135-98-8			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
74	4-isopropyltoluene 202-796-7	99-87-6			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
75	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
77	n-butylbenzene 203-209-7	104-51-8			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7	202-425-9	95-50-1		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
79	1,2-dibromo-3-chloropropane 602-021-00-6	202-479-3	96-12-8		<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
80	1,2,4-trichlorobenzene 602-087-00-6	204-428-0	120-82-1		<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
81	hexachlorobutadiene 201-765-5	87-68-3			<0.004 mg/kg		<0.004 mg/kg		<0.0000004 %		<LOD
82	1,2,3-trichlorobenzene 201-757-1	87-61-6			<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
83	styrene 601-026-00-0	202-851-5	100-42-5		<0.003 mg/kg		<0.003 mg/kg		<0.0000003 %		<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
85	2-nitrophenol 201-857-5	88-75-5			<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
86	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
87	3,4-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] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
88	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
89	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
91	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
92	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
93	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
94	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
97	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
109	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8							
110	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<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]							
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
118		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]			<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD	
	602-040-00-X	202-424-3 [1]	95-49-8 [1]								
		203-580-5 [2]	108-41-8 [2]								
		203-397-0 [3]	106-43-4 [3]								
		246-698-2 [4]	25168-05-2 [4]								
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]			<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	604-004-00-9	203-577-9 [1]	108-39-4 [1]								
		202-423-8 [2]	95-48-7 [2]								
		203-398-6 [3]	106-44-5 [3]								
		215-293-2 [4]	1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD	
	612-012-00-9	201-855-4 [1]	88-74-4 [1]								
		202-729-1 [2]	99-09-2 [2]								
		202-810-1 [3]	100-01-6 [3]								
Total:								0.568 %			

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 No free phase contamination encountered

Hazard Statements hit:

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

Because of determinand:

benzene: (conc.: 3.87e-07%)

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 No free phase encountered

Hazard Statements hit:

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

Because of determinand:

chloromethane; methyl chloride: (conc.: 3.87e-07%)

Classification of sample: TP15-09/06/2023-1.00m

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

Sample details

Sample name:	LoW Code:
TP15-09/06/2023-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
40.6%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(dry weight correction)	Entry:

Hazard properties

None identified

Determinands

Moisture content: 40.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				12.3	mg/kg	1.32	11.55	mg/kg	0.00116 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.9	mg/kg	3.22	2.061	mg/kg	0.000206 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.3	mg/kg	1.142	0.244	mg/kg	0.0000244 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				75	mg/kg	1.462	77.964	mg/kg	0.0078 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				77	mg/kg	1.126	61.66	mg/kg	0.00617 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	146	mg/kg	1.56	161.972	mg/kg	0.0104 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.193	mg/kg	0.0000193 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				23.8	mg/kg	2.976	50.381	mg/kg	0.00504 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				216	mg/kg	2.774	426.185	mg/kg	0.0426 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
13	pH				8.17	pH		8.17	pH	8.17 pH		
			PH									
14	naphthalene				0.1	mg/kg		0.0711	mg/kg	0.00000711 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				0.08	mg/kg		0.0569	mg/kg	0.00000569 %	✓	
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		0.13 mg/kg		0.0925 mg/kg	0.00000925 %	✓	
17	fluorene	201-695-5	86-73-7		0.08 mg/kg		0.0569 mg/kg	0.00000569 %	✓	
18	phenanthrene	201-581-5	85-01-8		1.53 mg/kg		1.088 mg/kg	0.000109 %	✓	
19	anthracene	204-371-1	120-12-7		0.41 mg/kg		0.292 mg/kg	0.0000292 %	✓	
20	fluoranthene	205-912-4	206-44-0		3.61 mg/kg		2.568 mg/kg	0.000257 %	✓	
21	pyrene	204-927-3	129-00-0		3.18 mg/kg		2.262 mg/kg	0.000226 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		1.67 mg/kg		1.188 mg/kg	0.000119 %	✓	
23	chrysene	601-048-00-0	205-923-4		1.72 mg/kg		1.223 mg/kg	0.000122 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		2.41 mg/kg		1.714 mg/kg	0.000171 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.94 mg/kg		0.669 mg/kg	0.0000669 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		2 mg/kg		1.422 mg/kg	0.000142 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.56 mg/kg		1.11 mg/kg	0.000111 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.22 mg/kg		0.156 mg/kg	0.0000156 %	✓	
29	benzo[ghi]perylene	205-883-8	191-24-2		1.35 mg/kg		0.96 mg/kg	0.000096 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		500 mg/kg		355.619 mg/kg	0.0356 %	✓	
Total:								0.111 %		

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: TP16-09/06/2023-0.80m

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

Sample details

Sample name:	LoW Code:
TP16-09/06/2023-0.80m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17.5% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 17.5% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				10.3	mg/kg	1.32	11.574	mg/kg	0.00116 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.5	mg/kg	3.22	1.37	mg/kg	0.000137 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.1	mg/kg	1.142	0.0972	mg/kg	0.00000972 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				57.3	mg/kg	1.462	71.274	mg/kg	0.00713 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				70	mg/kg	1.126	67.074	mg/kg	0.00671 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	150	mg/kg	1.56	199.125	mg/kg	0.0128 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.23	mg/kg	0.000023 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				18.6	mg/kg	2.976	47.114	mg/kg	0.00471 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				194	mg/kg	2.774	458.029	mg/kg	0.0458 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
13	pH				8.31	pH		8.31	pH	8.31 pH		
			PH									
14	naphthalene				0.13	mg/kg		0.111	mg/kg	0.0000111 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				0.13	mg/kg		0.111	mg/kg	0.0000111 %	✓	
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		0.11 mg/kg		0.0936 mg/kg	0.00000936 %	✓	
17	fluorene	201-695-5	86-73-7		0.15 mg/kg		0.128 mg/kg	0.0000128 %	✓	
18	phenanthrene	201-581-5	85-01-8		1.89 mg/kg		1.609 mg/kg	0.000161 %	✓	
19	anthracene	204-371-1	120-12-7		0.58 mg/kg		0.494 mg/kg	0.0000494 %	✓	
20	fluoranthene	205-912-4	206-44-0		3.54 mg/kg		3.013 mg/kg	0.000301 %	✓	
21	pyrene	204-927-3	129-00-0		3.13 mg/kg		2.664 mg/kg	0.000266 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		1.8 mg/kg		1.532 mg/kg	0.000153 %	✓	
23	chrysene	601-048-00-0	205-923-4		1.72 mg/kg		1.464 mg/kg	0.000146 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		2.17 mg/kg		1.847 mg/kg	0.000185 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.84 mg/kg		0.715 mg/kg	0.0000715 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.89 mg/kg		1.609 mg/kg	0.000161 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.2 mg/kg		1.021 mg/kg	0.000102 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.24 mg/kg		0.204 mg/kg	0.0000204 %	✓	
29	benzo[ghi]perylene	205-883-8	191-24-2		1.19 mg/kg		1.013 mg/kg	0.000101 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		500 mg/kg		425.532 mg/kg	0.0426 %	✓	
Total:								0.123 %		

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: TP17-09/06/2023-3.50m

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

Sample details

Sample name:	LoW Code:
TP17-09/06/2023-3.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
30%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 30% Dry Weight Moisture Correction applied (MC)

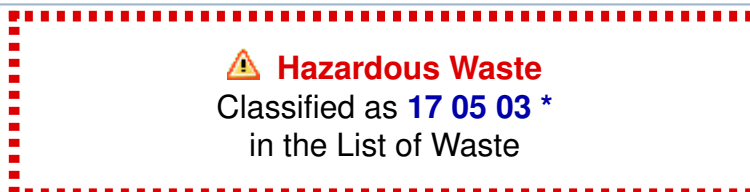
#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				11.7	mg/kg	1.32	11.883	mg/kg	0.00119 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				2.2	mg/kg	3.22	5.449	mg/kg	0.000545 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				7.9	mg/kg	1.142	6.942	mg/kg	0.000694 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				59.8	mg/kg	1.462	67.232	mg/kg	0.00672 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				38	mg/kg	1.126	32.911	mg/kg	0.00329 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	179	mg/kg	1.56	214.775	mg/kg	0.0138 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.208	mg/kg	0.0000208 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				21.5	mg/kg	2.976	49.223	mg/kg	0.00492 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				1	mg/kg	2.554	1.964	mg/kg	0.000196 %	✓	
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				114	mg/kg	2.774	243.271	mg/kg	0.0243 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
13	pH				7.76	pH		7.76	pH	7.76 pH		
			PH									
14	naphthalene				0.2	mg/kg		0.154	mg/kg	0.0000154 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		0.26 mg/kg		0.2 mg/kg	0.00002 %	✓	
17	fluorene	201-695-5	86-73-7		0.14 mg/kg		0.108 mg/kg	0.0000108 %	✓	
18	phenanthrene	201-581-5	85-01-8		1.18 mg/kg		0.908 mg/kg	0.0000908 %	✓	
19	anthracene	204-371-1	120-12-7		0.23 mg/kg		0.177 mg/kg	0.0000177 %	✓	
20	fluoranthene	205-912-4	206-44-0		2.13 mg/kg		1.638 mg/kg	0.000164 %	✓	
21	pyrene	204-927-3	129-00-0		2.05 mg/kg		1.577 mg/kg	0.000158 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		1.07 mg/kg		0.823 mg/kg	0.0000823 %	✓	
23	chrysene	601-048-00-0	205-923-4		1.16 mg/kg		0.892 mg/kg	0.0000892 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.33 mg/kg		1.023 mg/kg	0.000102 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.52 mg/kg		0.4 mg/kg	0.00004 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.16 mg/kg		0.892 mg/kg	0.0000892 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.78 mg/kg		0.6 mg/kg	0.00006 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.13 mg/kg		0.1 mg/kg	0.00001 %	✓	
29	benzo[ghi]perylene	205-883-8	191-24-2		0.77 mg/kg		0.592 mg/kg	0.0000592 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		1400 mg/kg		1076.923 mg/kg	0.108 %	✓	
Total:								0.165 %		

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: TP20-08/06/2023-1.00m



Sample details

Sample name:	LoW Code:
TP20-08/06/2023-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
14.6% (dry weight correction)	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

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:

zinc chromate: (compound conc.: 0.199%)

Determinands

Moisture content: 14.6% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number								
1		arsenic { arsenic trioxide }				37 mg/kg	1.32	42.628 mg/kg	0.00426 %	✓		
		033-003-00-0	215-481-4	1327-53-3								
2		boron { diboron trioxide; boric oxide }				20.2 mg/kg	3.22	56.755 mg/kg	0.00568 %	✓		
		005-008-00-8	215-125-8	1303-86-2								
3		cadmium { cadmium oxide }				0.8 mg/kg	1.142	0.797 mg/kg	0.0000797 %	✓		
		048-002-00-0	215-146-2	1306-19-0								
4		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				83.7 mg/kg	1.462	106.747 mg/kg	0.0107 %	✓		
			215-160-9	1308-38-9								
5		chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %		<LOD	
		024-017-00-8										
6		copper { dicopper oxide; copper (I) oxide }				203 mg/kg	1.126	199.437 mg/kg	0.0199 %	✓		
		029-002-00-X	215-270-7	1317-39-1								
7		lead { lead chromate }			1	946 mg/kg	1.56	1287.596 mg/kg	0.0825 %	✓		
		082-004-00-2	231-846-0	7758-97-6								
8		mercury { mercury dichloride }				1.8 mg/kg	1.353	2.126 mg/kg	0.000213 %	✓		
		080-010-00-X	231-299-8	7487-94-7								
9		nickel { nickel chromate }				47.5 mg/kg	2.976	123.362 mg/kg	0.0123 %	✓		
		028-035-00-7	238-766-5	14721-18-7								
10		selenium { nickel selenate }				1 mg/kg	2.554	2.228 mg/kg	0.000223 %	✓		
		028-031-00-5	239-125-2	15060-62-5								
11		zinc { zinc chromate }				823 mg/kg	2.774	1992.254 mg/kg	0.199 %	✓		
		024-007-00-3	236-878-9	13530-65-9								

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
12		cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.9	mg/kg	1.884	1.48	mg/kg	0.000148 %	✓	
		006-007-00-5											
13		pH				8.07	pH		8.07	pH	8.07 pH		
				PH									
14		naphthalene				0.23	mg/kg		0.201	mg/kg	0.0000201 %	✓	
		601-052-00-2	202-049-5	91-20-3									
15		acenaphthylene				0.1	mg/kg		0.0873	mg/kg	0.00000873 %	✓	
			205-917-1	208-96-8									
16		acenaphthene				0.41	mg/kg		0.358	mg/kg	0.0000358 %	✓	
			201-469-6	83-32-9									
17		fluorene				0.42	mg/kg		0.366	mg/kg	0.0000366 %	✓	
			201-695-5	86-73-7									
18		phenanthrene				2.5	mg/kg		2.182	mg/kg	0.000218 %	✓	
			201-581-5	85-01-8									
19		anthracene				0.55	mg/kg		0.48	mg/kg	0.000048 %	✓	
			204-371-1	120-12-7									
20		fluoranthene				3.45	mg/kg		3.01	mg/kg	0.000301 %	✓	
			205-912-4	206-44-0									
21		pyrene				2.99	mg/kg		2.609	mg/kg	0.000261 %	✓	
			204-927-3	129-00-0									
22		benzo[a]anthracene				1.38	mg/kg		1.204	mg/kg	0.00012 %	✓	
		601-033-00-9	200-280-6	56-55-3									
23		chrysene				1.54	mg/kg		1.344	mg/kg	0.000134 %	✓	
		601-048-00-0	205-923-4	218-01-9									
24		benzo[b]fluoranthene				1.79	mg/kg		1.562	mg/kg	0.000156 %	✓	
		601-034-00-4	205-911-9	205-99-2									
25		benzo[k]fluoranthene				0.7	mg/kg		0.611	mg/kg	0.0000611 %	✓	
		601-036-00-5	205-916-6	207-08-9									
26		benzo[a]pyrene; benzo[def]chrysene				1.42	mg/kg		1.239	mg/kg	0.000124 %	✓	
		601-032-00-3	200-028-5	50-32-8									
27		indeno[123-cd]pyrene				0.88	mg/kg		0.768	mg/kg	0.0000768 %	✓	
			205-893-2	193-39-5									
28		dibenz[a,h]anthracene				0.17	mg/kg		0.148	mg/kg	0.0000148 %	✓	
		601-041-00-2	200-181-8	53-70-3									
29		benzo[ghi]perylene				0.86	mg/kg		0.75	mg/kg	0.000075 %	✓	
			205-883-8	191-24-2									
30		sulfur { sulfur }				1000	mg/kg		872.6	mg/kg	0.0873 %	✓	
		016-094-00-1	231-722-6	7704-34-9									
Total:											0.424 %		

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: TP22-07/06/2023-3.40m

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

Sample details

Sample name:	LoW Code:
TP22-07/06/2023-3.40m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
26.9%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 26.9% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				6.7	mg/kg	1.32	6.971	mg/kg	0.000697 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.2	mg/kg	3.22	3.045	mg/kg	0.000304 %	✓	
	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 (worst case) }				71.4	mg/kg	1.462	82.234	mg/kg	0.00822 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				7	mg/kg	1.126	6.211	mg/kg	0.000621 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	14	mg/kg	1.56	17.208	mg/kg	0.0011 %	✓	
	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 }				12.1	mg/kg	2.976	28.379	mg/kg	0.00284 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				1	mg/kg	2.554	2.012	mg/kg	0.000201 %	✓	
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				46	mg/kg	2.774	100.56	mg/kg	0.0101 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
13	benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
14	toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
15	ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
18	pH		PH		7.3 pH		7.3 pH	7.3 pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
23	phenanthrene 201-581-5	85-01-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	anthracene 204-371-1	120-12-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
25	fluoranthene 205-912-4	206-44-0			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	pyrene 204-927-3	129-00-0			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %			<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	• sulfur { sulfur }				1000 mg/kg		788.022 mg/kg	0.0788 %	✓	
	016-094-00-1	231-722-6	7704-34-9							
43	• dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
44	chloromethane; methyl chloride				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
45	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
46	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
47	• trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
48	1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
49	dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
50	• 2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
51	• bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
52	chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
53	1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
54	1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
55	1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
57	• bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
59	• trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
60	1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	• 1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
62	• dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
63	1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
64	chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
65	• 1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
66	bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
67	1,1,2,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
68	bromobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
69	1,2,3-trichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
70	mesitylene; 1,3,5-trimethylbenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
71	tert-butylbenzene	202-632-4	98-06-6		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
72	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
73	sec-butylbenzene	205-227-0	135-98-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
74	4-isopropyltoluene	202-796-7	99-87-6		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
75	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
77	n-butylbenzene	203-209-7	104-51-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
79	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
80	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
81	hexachlorobutadiene	201-765-5	87-68-3		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
82	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
83	styrene	601-026-00-0	202-851-5	100-42-5	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
87	3,4-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]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
88	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
89	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
91	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
93	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7								
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7								
97	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2								
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		204-214-7	117-84-0								
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		201-550-6	84-66-2								
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		205-011-6	131-11-3								
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]								
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2								
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		202-952-4	101-55-3								
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8								
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		230-281-7	7005-72-3								
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3								
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		203-920-2	111-91-1								
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4								
109	carbazole				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		201-696-0	86-74-8								
110	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		205-071-3	132-64-9								
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4								
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		200-666-4	67-72-1								
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1								
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7								
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3								
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<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]								
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
118	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg		<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2]	108-39-4 [1] 95-48-7 [2]								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
		203-398-6 [3] 215-293-2 [4]	106-44-5 [3] 1319-77-3 [4]							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3] 612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
Total:								0.103 %		

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

Classification of sample: TP23-07/06/2023-3.00m

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

Sample details

Sample name:	LoW Code:
TP23-07/06/2023-3.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
19.5% (dry weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19.5% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				18.5	mg/kg	1.32	20.44	mg/kg	0.00204 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				0.5	mg/kg	3.22	1.347	mg/kg	0.000135 %	✓	
	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 (worst case) }				64	mg/kg	1.462	78.276	mg/kg	0.00783 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				21	mg/kg	1.126	19.785	mg/kg	0.00198 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	10	mg/kg	1.56	13.053	mg/kg	0.000837 %	✓	
	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 }				43.2	mg/kg	2.976	107.594	mg/kg	0.0108 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				61	mg/kg	2.774	141.609	mg/kg	0.0142 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
13	benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
14	toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
15	ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
18	pH		PH		6.63 pH		6.63 pH	6.63 pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
23	phenanthrene 201-581-5	85-01-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
24	anthracene 204-371-1	120-12-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
25	fluoranthene 205-912-4	206-44-0			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
26	pyrene 204-927-3	129-00-0			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %			<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

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#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
71	tert-butylbenzene	202-632-4	98-06-6		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
72	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
73	sec-butylbenzene	205-227-0	135-98-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
74	4-isopropyltoluene	202-796-7	99-87-6		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
75	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
76	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
77	n-butylbenzene	203-209-7	104-51-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
78	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
79	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
80	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
81	hexachlorobutadiene	201-765-5	87-68-3		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
82	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
83	styrene	601-026-00-0	202-851-5	100-42-5	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
84	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
87	3,4-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]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
88	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
89	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
90	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
91	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
93	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
95	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7								
96	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7								
97	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2								
98	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		204-214-7	117-84-0								
99	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		201-550-6	84-66-2								
100	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		205-011-6	131-11-3								
101	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]								
102	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2								
103	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		202-952-4	101-55-3								
104	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8								
105	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		230-281-7	7005-72-3								
106	azobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3								
107	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		203-920-2	111-91-1								
108	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4								
109	carbazole				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		201-696-0	86-74-8								
110	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		205-071-3	132-64-9								
111	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4								
112	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		200-666-4	67-72-1								
113	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1								
114	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7								
115	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3								
116	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<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]								
117	cumene; [1] propylbenzene [2]				<0.007 mg/kg		<0.007 mg/kg		<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
118	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.006 mg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg		<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2]	108-39-4 [1] 95-48-7 [2]								

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
			203-398-6 [3] 215-293-2 [4]	106-44-5 [3] 1319-77-3 [4]							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg	<0.03 mg/kg	<0.000003 %		<LOD	
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]								
Total:									0.0635 %		

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: TP25-07/06/2023-0.30m

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

Sample details

Sample name:	LoW Code:
TP25-07/06/2023-0.30m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
10.8%	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				40	mg/kg	1.32	47.665	mg/kg	0.00477 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron { diboron trioxide; boric oxide }				1.7	mg/kg	3.22	4.94	mg/kg	0.000494 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium { cadmium oxide }				0.5	mg/kg	1.142	0.515	mg/kg	0.0000515 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				66.7	mg/kg	1.462	87.984	mg/kg	0.0088 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8											
6	copper { dicopper oxide; copper (I) oxide }				132	mg/kg	1.126	134.131	mg/kg	0.0134 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead { lead chromate }			1	159	mg/kg	1.56	223.836	mg/kg	0.0144 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.244	mg/kg	0.0000244 %	✓	
	080-010-00-X	231-299-8	7487-94-7									
9	nickel { nickel chromate }				25	mg/kg	2.976	67.154	mg/kg	0.00672 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium { selenium selenate }				1	mg/kg	2.554	2.305	mg/kg	0.00023 %	✓	
	028-031-00-5	239-125-2	15060-62-5									
11	zinc { zinc chromate }				362	mg/kg	2.774	906.355	mg/kg	0.0906 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
13	pH				8.33	pH		8.33	pH	8.33 pH		
			PH									
14	naphthalene				0.42	mg/kg		0.379	mg/kg	0.0000379 %	✓	
	601-052-00-2	202-049-5	91-20-3									
15	acenaphthylene				0.22	mg/kg		0.199	mg/kg	0.0000199 %	✓	
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		1.93 mg/kg		1.742 mg/kg	0.000174 %	✓	
17	fluorene	201-695-5	86-73-7		1.33 mg/kg		1.2 mg/kg	0.00012 %	✓	
18	phenanthrene	201-581-5	85-01-8		17.2 mg/kg		15.523 mg/kg	0.00155 %	✓	
19	anthracene	204-371-1	120-12-7		4.13 mg/kg		3.727 mg/kg	0.000373 %	✓	
20	fluoranthene	205-912-4	206-44-0		23.87 mg/kg		21.543 mg/kg	0.00215 %	✓	
21	pyrene	204-927-3	129-00-0		18.56 mg/kg		16.751 mg/kg	0.00168 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		8.93 mg/kg		8.06 mg/kg	0.000806 %	✓	
23	chrysene	601-048-00-0	205-923-4		8.18 mg/kg		7.383 mg/kg	0.000738 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		9.37 mg/kg		8.457 mg/kg	0.000846 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		3.65 mg/kg		3.294 mg/kg	0.000329 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		7.49 mg/kg		6.76 mg/kg	0.000676 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		4.91 mg/kg		4.431 mg/kg	0.000443 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.89 mg/kg		0.803 mg/kg	0.0000803 %	✓	
29	benzo[ghi]perylene	205-883-8	191-24-2		4.34 mg/kg		3.917 mg/kg	0.000392 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		500 mg/kg		451.264 mg/kg	0.0451 %	✓	
Total:								0.195 %		

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: TP25-07/06/2023-3.00m

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

Sample details

Sample name:	LoW Code:
TP25-07/06/2023-3.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
32.5%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 32.5% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene	601-020-00-8	200-753-7	71-43-2	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene	601-021-00-3	203-625-9	108-88-3	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.011 mg/kg		<0.011 mg/kg	<0.0000011 %		<LOD
6	naphthalene	601-052-00-2	202-049-5	91-20-3	0.102 mg/kg		0.077 mg/kg	0.0000077 %	✓	
7	acenaphthylene		205-917-1	208-96-8	0.029 mg/kg		0.0219 mg/kg	0.00000219 %	✓	
8	acenaphthene		201-469-6	83-32-9	0.126 mg/kg		0.0951 mg/kg	0.00000951 %	✓	
9	fluorene		201-695-5	86-73-7	0.262 mg/kg		0.198 mg/kg	0.0000198 %	✓	
10	phenanthrene		201-581-5	85-01-8	1.434 mg/kg		1.082 mg/kg	0.000108 %	✓	
11	anthracene		204-371-1	120-12-7	0.236 mg/kg		0.178 mg/kg	0.0000178 %	✓	
12	fluoranthene		205-912-4	206-44-0	1.777 mg/kg		1.341 mg/kg	0.000134 %	✓	
13	pyrene		204-927-3	129-00-0	1.521 mg/kg		1.148 mg/kg	0.000115 %	✓	
14	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.572 mg/kg		0.432 mg/kg	0.0000432 %	✓	
15	chrysene	601-048-00-0	205-923-4	218-01-9	0.778 mg/kg		0.587 mg/kg	0.0000587 %	✓	
16	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.952 mg/kg		0.718 mg/kg	0.0000718 %	✓	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.37 mg/kg		0.279 mg/kg	0.0000279 %	✓	
18	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.81 mg/kg		0.611 mg/kg	0.0000611 %	✓	
19	indeno[123-cd]pyrene 205-893-2	193-39-5			0.451 mg/kg		0.34 mg/kg	0.000034 %	✓	
20	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.144 mg/kg		0.109 mg/kg	0.0000109 %	✓	
21	benzo[ghi]perylene 205-883-8	191-24-2			0.574 mg/kg		0.433 mg/kg	0.0000433 %	✓	
22	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
23	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
24	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
25	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
26	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		0.005 mg/kg		0.0037 mg/kg	0.000000377 %	✓	
27	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
28	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
29	dichlorodifluoromethane 200-893-9	75-71-8			<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride 602-001-00-7	200-817-4	74-87-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide 602-002-00-2	200-813-2	74-83-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	chloroethane 602-009-00-0	200-830-5	75-00-3		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
33	trichlorofluoromethane 200-892-3	75-69-4			<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride 602-025-00-8	200-864-0	75-35-4		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride 602-004-00-3	200-838-9	75-09-2		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
36	2,2-dichloropropane 209-832-0	594-20-7			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
37	bromochloromethane 200-826-3	74-97-5			<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
38	chloroform; trichloromethane 602-006-00-4	200-663-8	67-66-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
39	1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
40	1,1-dichloropropene 602-031-00-0	209-253-3	563-58-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
41	1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
42	dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
43	bromodichloromethane 200-856-7	75-27-4			<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
44	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]		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
45	trans-1,3-dichloropropene 431-460-4	10061-02-6			<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
46	1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
47	1,3-dichloropropane 205-531-3	142-28-9			<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
48	dibromochloromethane 204-704-0	124-48-1			<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
49	1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
50	chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
51	1,1,1,2-tetrachloroethane 211-135-1	630-20-6			<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
52	bromoform; tribromomethane 602-007-00-X	200-854-6	75-25-2		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
53	1,1,2,2-tetrachloroethane 602-015-00-3	201-197-8	79-34-5		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
54	bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
55	1,2,3-trichloropropane 602-062-00-X	202-486-1	96-18-4		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
56	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5	203-604-4	108-67-8		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
57	tert-butylbenzene 202-632-4	98-06-6			<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
58	1,2,4-trimethylbenzene 601-043-00-3	202-436-9	95-63-6		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
59	sec-butylbenzene 205-227-0	135-98-8			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
60	4-isopropyltoluene 202-796-7	99-87-6			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
61	1,3-dichlorobenzene 602-067-00-7	208-792-1	541-73-1		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
62	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2	203-400-5	106-46-7		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
63	n-butylbenzene 203-209-7	104-51-8			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
64	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7	202-425-9	95-50-1		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
65	1,2-dibromo-3-chloropropane 602-021-00-6	202-479-3	96-12-8		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
66	1,2,4-trichlorobenzene 602-087-00-6	204-428-0	120-82-1		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
67	hexachlorobutadiene 201-765-5	87-68-3			<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
68	1,2,3-trichlorobenzene 201-757-1	87-61-6			<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
69	styrene 601-026-00-0	202-851-5	100-42-5		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
70	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	2-nitrophenol 201-857-5	88-75-5			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
72	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
73	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] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
74	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
75	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
76	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
77	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
78	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
79	2-chloronaphthalene 202-079-9	91-58-7			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
80	2-methyl naphthalene 202-078-3	91-57-6			0.099 mg/kg		0.0747 mg/kg	0.00000747 %	✓		
81	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9	204-211-0	117-81-7		0.183 mg/kg		0.138 mg/kg	0.0000138 %	✓		
82	BBP; benzyl butyl phthalate 607-430-00-3	201-622-7	85-68-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
83	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		0.273 mg/kg		0.206 mg/kg	0.0000206 %	✓		
84	di-n-octyl phthalate 204-214-7	117-84-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
85	diethyl phthalate 201-550-6	84-66-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
86	dimethyl phthalate 205-011-6	131-11-3			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
87	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
88	2,6-dinitrotoluene 609-049-00-8	210-106-0	606-20-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
89	4-bromophenylphenylether 202-952-4	101-55-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
90	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
91	4-chlorophenylphenylether 230-281-7	7005-72-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
92	azobenzene 611-001-00-6	203-102-5	103-33-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
93	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
94	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	carbazole 201-696-0	86-74-8			0.053 mg/kg		0.04 mg/kg	0.000004 %	✓		
96	dibenzofuran 205-071-3	132-64-9			0.091 mg/kg		0.0687 mg/kg	0.00000687 %	✓		
97	hexachlorocyclopentadiene 602-078-00-7	201-029-3	77-47-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
98	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
99	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
100	nitrosodipropylamine	612-098-00-8	210-698-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
101	nitrobenzene	609-003-00-7	202-716-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
102	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]		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
103	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
104	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]		<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
105	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
106	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
Total:								0.0009 %		

Key

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

Classification of sample: TP26-08/06/2023-0.20m

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

Sample details

Sample name:	LoW Code:
TP26-08/06/2023-0.20m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
4.9%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 4.9% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				10 mg/kg	1.32	12.587	mg/kg	0.00126 %	✓	
	033-003-00-0	215-481-4	1327-53-3								
2	boron { diboron trioxide; boric oxide }				1.1 mg/kg	3.22	3.376	mg/kg	0.000338 %	✓	
	005-008-00-8	215-125-8	1303-86-2								
3	cadmium { cadmium oxide }				0.5 mg/kg	1.142	0.544	mg/kg	0.0000544 %	✓	
	048-002-00-0	215-146-2	1306-19-0								
4	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				60.6 mg/kg	1.462	84.433	mg/kg	0.00844 %	✓	
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3 mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
	024-017-00-8										
6	copper { dicopper oxide; copper (I) oxide }				87 mg/kg	1.126	93.377	mg/kg	0.00934 %	✓	
	029-002-00-X	215-270-7	1317-39-1								
7	lead { lead chromate }			1	157 mg/kg	1.56	233.452	mg/kg	0.015 %	✓	
	082-004-00-2	231-846-0	7758-97-6								
8	mercury { mercury dichloride }				0.3 mg/kg	1.353	0.387	mg/kg	0.0000387 %	✓	
	080-010-00-X	231-299-8	7487-94-7								
9	nickel { nickel chromate }				25.3 mg/kg	2.976	71.782	mg/kg	0.00718 %	✓	
	028-035-00-7	238-766-5	14721-18-7								
10	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc chromate }				204 mg/kg	2.774	539.491	mg/kg	0.0539 %	✓	
	024-007-00-3	236-878-9	13530-65-9								
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5										
13	pH				8.2 pH		8.2	pH	8.2 pH		
			PH								
14	naphthalene				0.13 mg/kg		0.124	mg/kg	0.0000124 %	✓	
	601-052-00-2	202-049-5	91-20-3								
15	acenaphthylene				0.06 mg/kg		0.0572	mg/kg	0.00000572 %	✓	
		205-917-1	208-96-8								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		0.15 mg/kg		0.143 mg/kg	0.0000143 %	✓	
17	fluorene	201-695-5	86-73-7		0.08 mg/kg		0.0763 mg/kg	0.00000763 %	✓	
18	phenanthrene	201-581-5	85-01-8		1.14 mg/kg		1.087 mg/kg	0.000109 %	✓	
19	anthracene	204-371-1	120-12-7		0.29 mg/kg		0.276 mg/kg	0.0000276 %	✓	
20	fluoranthene	205-912-4	206-44-0		2.33 mg/kg		2.221 mg/kg	0.000222 %	✓	
21	pyrene	204-927-3	129-00-0		2.12 mg/kg		2.021 mg/kg	0.000202 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		1.13 mg/kg		1.077 mg/kg	0.000108 %	✓	
23	chrysene	601-048-00-0	205-923-4		1.22 mg/kg		1.163 mg/kg	0.000116 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.65 mg/kg		1.573 mg/kg	0.000157 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.64 mg/kg		0.61 mg/kg	0.000061 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.46 mg/kg		1.392 mg/kg	0.000139 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		1.05 mg/kg		1.001 mg/kg	0.0001 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.16 mg/kg		0.153 mg/kg	0.0000153 %	✓	
29	benzo[ghi]perylene	205-883-8	191-24-2		1.05 mg/kg		1.001 mg/kg	0.0001 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		600 mg/kg		571.973 mg/kg	0.0572 %	✓	
Total:								0.155 %		

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: TP27-07/06/2023-1.50m

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

Sample details

Sample name:	LoW Code:
TP27-07/06/2023-1.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
12.6%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide }				117.5 mg/kg	1.32	137.778 mg/kg	0.0138 %	✓		
	033-003-00-0	215-481-4	1327-53-3								
2	boron { diboron trioxide; boric oxide }				2.2 mg/kg	3.22	6.291 mg/kg	0.000629 %	✓		
	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 (worst case) }				57.1 mg/kg	1.462	74.116 mg/kg	0.00741 %	✓		
		215-160-9	1308-38-9								
5	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3 mg/kg	2.27	<0.681 mg/kg	<0.0000681 %			<LOD
	024-017-00-8										
6	copper { dicopper oxide; copper (I) oxide }				121 mg/kg	1.126	120.988 mg/kg	0.0121 %	✓		
	029-002-00-X	215-270-7	1317-39-1								
7	lead { lead chromate }			1	226 mg/kg	1.56	313.071 mg/kg	0.0201 %	✓		
	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 }				38.4 mg/kg	2.976	101.5 mg/kg	0.0101 %	✓		
	028-035-00-7	238-766-5	14721-18-7								
10	selenium { nickel selenate }				2 mg/kg	2.554	4.536 mg/kg	0.000454 %	✓		
	028-031-00-5	239-125-2	15060-62-5								
11	zinc { zinc chromate }				101 mg/kg	2.774	248.836 mg/kg	0.0249 %	✓		
	024-007-00-3	236-878-9	13530-65-9								
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
13	pH				8 pH		8 pH	8pH			
			PH								
14	naphthalene				0.11 mg/kg		0.0977 mg/kg	0.00000977 %	✓		
	601-052-00-2	202-049-5	91-20-3								
15	acenaphthylene				0.05 mg/kg		0.0444 mg/kg	0.00000444 %	✓		
		205-917-1	208-96-8								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	acenaphthene	201-469-6	83-32-9		0.15 mg/kg		0.133 mg/kg	0.0000133 %	✓	
17	fluorene	201-695-5	86-73-7		0.15 mg/kg		0.133 mg/kg	0.0000133 %	✓	
18	phenanthrene	201-581-5	85-01-8		1.32 mg/kg		1.172 mg/kg	0.000117 %	✓	
19	anthracene	204-371-1	120-12-7		0.44 mg/kg		0.391 mg/kg	0.0000391 %	✓	
20	fluoranthene	205-912-4	206-44-0		1.77 mg/kg		1.572 mg/kg	0.000157 %	✓	
21	pyrene	204-927-3	129-00-0		1.49 mg/kg		1.323 mg/kg	0.000132 %	✓	
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.95 mg/kg		0.844 mg/kg	0.0000844 %	✓	
23	chrysene	601-048-00-0	205-923-4		0.88 mg/kg		0.782 mg/kg	0.0000782 %	✓	
24	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.07 mg/kg		0.95 mg/kg	0.000095 %	✓	
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.41 mg/kg		0.364 mg/kg	0.0000364 %	✓	
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.91 mg/kg		0.808 mg/kg	0.0000808 %	✓	
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.6 mg/kg		0.533 mg/kg	0.0000533 %	✓	
28	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.08 mg/kg		0.071 mg/kg	0.0000071 %	✓	
29	benzo[ghi]perylene	205-883-8	191-24-2		0.56 mg/kg		0.497 mg/kg	0.0000497 %	✓	
30	sulfur { sulfur }	016-094-00-1	231-722-6		1900 mg/kg		1687.389 mg/kg	0.169 %	✓	
Total:								0.259 %		

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: TP27-07/06/2023-2.10m

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

Sample details

Sample name:	LoW Code:
TP27-07/06/2023-2.10m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
24%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 24% Dry Weight Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		arsenic { arsenic trioxide }				7.6	mg/kg	1.32	8.092	mg/kg	0.000809 %	✓	
		033-003-00-0	215-481-4	1327-53-3									
2		boron { diboron trioxide ; boric oxide }				2	mg/kg	3.22	5.193	mg/kg	0.000519 %	✓	
		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 (worst case) }				72.4	mg/kg	1.462	85.336	mg/kg	0.00853 %	✓	
			215-160-9	1308-38-9									
5		chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.3	mg/kg	2.27	<0.681	mg/kg	<0.0000681 %		<LOD
		024-017-00-8											
6		copper { dicopper oxide ; copper (I) oxide }				11	mg/kg	1.126	9.988	mg/kg	0.000999 %	✓	
		029-002-00-X	215-270-7	1317-39-1									
7		lead { lead chromate }			1	30	mg/kg	1.56	37.737	mg/kg	0.00242 %	✓	
		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 }				15.6	mg/kg	2.976	37.443	mg/kg	0.00374 %	✓	
		028-035-00-7	238-766-5	14721-18-7									
10		selenium { nickel selenate }				1	mg/kg	2.554	2.06	mg/kg	0.000206 %	✓	
		028-031-00-5	239-125-2	15060-62-5									
11		zinc { zinc chromate }				46	mg/kg	2.774	102.912	mg/kg	0.0103 %	✓	
		024-007-00-3	236-878-9	13530-65-9									
12		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
13		benzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
14		toluene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
15		ethylbenzene				<0.003	mg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-023-00-4	202-849-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				0.6 mg/kg	1.884	0.912 mg/kg	0.0000912 %	✓	
18	pH		PH		7.25 pH		7.25 pH	7.25 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
25	fluoranthene 205-912-4	206-44-0			0.06 mg/kg		0.0484 mg/kg	0.00000484 %	✓	
26	pyrene 204-927-3	129-00-0			0.06 mg/kg		0.0484 mg/kg	0.00000484 %	✓	
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.04 mg/kg		0.0323 mg/kg	0.00000323 %	✓	
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
36	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5		107-06-2, 75-34-3		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
37	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
38	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
39	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
40	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
41	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
42	sulfur { sulfur }				2400 mg/kg		1935.484 mg/kg	0.194 %	✓	
	016-094-00-1	231-722-6	7704-34-9							
43	dichlorodifluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
44	chloromethane; methyl chloride				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
45	bromomethane; methylbromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
46	chloroethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
47	trichlorofluoromethane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4							
48	1,1-dichloroethylene; vinylidene chloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
49	dichloromethane; methylene chloride				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
50	2,2-dichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
51	bromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5							
52	chloroform; trichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
53	1,1,1-trichloroethane; methyl chloroform				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
54	1,1-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
55	1,2-dichloropropane; propylene dichloride				<0.006 mg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
56	dibromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
57	bromodichloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
59	trans-1,3-dichloropropene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
60	1,1,2-trichloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	1,3-dichloropropane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
62	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
63	1,2-dibromoethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
64	chlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
65	1,1,1,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
66	bromoform; tribromomethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
67	1,1,2,2-tetrachloroethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
68	bromobenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
69	1,2,3-trichloropropane				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
70	mesitylene; 1,3,5-trimethylbenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							