Project Title:	**Northwest Southwater**	**Title :**	**Figure 3- Exploratory Hole Location Plan**
Location :	**Southwater**	**Scale:**	**1:1500**
Project No. :	**GE20620 GI**	**Engineer:**	
Client :	**Berkeleys**		

Geo-Environmental

Geo-Environmental

APPENDIX A

Email from Public Health England confirming intrusive investigation of potential anthrax burn site could go ahead without any need for further risk assessment.

From:
To:
Cc: ; ;
Subject: RE: OFFICIAL: Great House Farm
Date: 31 May 2022 09:46:41
Attachments: image001.png

OFFICIAL

Dear

As no evidence of anthrax spore contamination was found at the burn site during the previous investigation in 2014, we consider that the risk of acquiring anthrax during investigation of the burn pit is very low.

Regards

UK Health Security
Agency

www.gov.uk/ukhsa Follow us on Twitter @UKHSA

The UK Health Security Agency will move to new UKHSA email accounts in the near future.
For now, please continue to use my current email address.

From:
Sent: 31 May 2022 09:38
To:
Cc:

Subject: RE: OFFICIAL: Great House Farm

If you could let us know if there would be a risk during investigation of a potential burn pit it would be much appreciated.

Many Thanks,

From: >
Sent: 18 May 2022 16:44
To: >
Cc: >
Subject: RE: OFFICIAL: Great House Farm

OFFICIAL

and I have reviewed the previous report. We are happy that, given the findings of the testing that has previously been done to 1m bgl, and that no evidence of anthrax spore contamination was found, the risk of acquiring anthrax from development of the site is very low. If, however, during development of the site any buried cattle carcasses are discovered, this must be reported to DEFRA as per current legislation. If you require more guidance from ourselves, please let us know.

Kind regards

UK Health Security Agency

UK Health Security
Agency

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The UK Health Security Agency will move to new UKHSA email accounts in the near future.
For now, please continue to use my current email address.

Geo-Environmental

APPENDIX B

Exploratory Hole Logs

NB/Locations HP07, HP10-11, HP15, HP24, HP28, HP30-31 & WS15 now fall outside the proposed site boundary.

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP01 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515829.36 - 128653.99 Level:	Date 13/05/2022
Location: Southwater		Dimensions (m): Depth 0.70 — 0.30 × 0.30	Scale 1:25
Client: Berkeleys			Logged Jim Cameron

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
							Grass overlying brown slightly gravelly silty sand. Gravel comprised of sub-angular to angular siltstone and sandstone. Gravel occasionally ferruginous. MADE GROUND
				0.40			Reworked light brown slightly gravelly silty clay. Gravel comprised sub-angular concrete and siltstone. MADE GROUND
	0.70 0.70	D ES		0.70			End of Pit at 0.70m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP02 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 516019.13 - 128445.62 Level: 56.48	Date 13/05/2022
Location:	Southwater	Dimensions (m): Depth 0.70	0.30 / 0.30	Scale 1:25
Client:	Berkeleys			Logged Jim Cameron

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20	56.28		Grass overlying brown slightly gravelly slightly clayey sandy silt. Gravel is sub-angular to angular siltstone and sandstone. Frequent rootlets and rare roots. MADE GROUND
				0.40	56.08		Brown slightly gravelly silty clay. Gravel is composed of sub-angular to very angular flint and siltstone sandstone. Rare rootlets MADE GROUND
	0.70 0.70	D ES		0.70	55.78		Reworked orangish brown gravelly silty clay. Gravel is composed of rounded to angular flint siltstone and sandstone. MADE GROUND
							End of Pit at 0.70m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP03 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515915.98 - 128325.23 Level:	Date 13/05/2022
Location: Southwater		Dimensions (m): Depth 0.65 (0.30 × 0.30)	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Brown slightly sandy slightly gravelly clayey SILT TOPSOIL
	0.30	D					Orange and grey mottled slightly gravelly sandy silty CLAY. Gravels consists of medium to coarse angular yellow and black ferruginous sandstone WEALD CLAY
	0.65	D		0.65			End of Pit at 0.65m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP04 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515590.63 - 128562.10 Level:	Date 12/05/2022
Location:	Southwater	Dimensions (m): Depth 0.65	0.30 / 0.30	Scale 1:25
Client:	Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Crop over dark brown slightly clayey SILT. Occasional 1mm rootlets. TOPSOIL
	0.30	D					Brown slightly gravelly CLAY. Gravels are fine subrounded black ferruginous clasts. WEALD CLAY
	0.65	D		0.65			End of Pit at 0.65m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP05 Sheet 1 of 1
Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515454.67 - 128360.94 Level:	Date 13/05/2022
Location:	Southwater	Dimensions (m): Depth 0.80 0.30 / 0.30	Scale 1:25
Client:	Berkeleys		Logged Will Purslow

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20 0.30	ES D		0.20 0.60 0.80			Turf over Light brown slightly sandy SILT with abundant 1-2mm rootlets . TOPSOIL Yellow, black and grey mottled sandy silty CLAY with abundant 1-2mm rootlets. WEALD CLAY Stiff yellow grey and black mottled CLAY. Yellow parts are medium to coarse sand lenses with frequent 1-2mm rootlets WEALD CLAY End of Pit at 0.80m

1 2 3 4 5

Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP06 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515691.08 - 128198.11 Level:	Date 13/05/2022
Location: Southwater		Dimensions (m): 0.30 / 0.30 / Depth 0.70	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Brown slightly gravelly slightly sandy slightly clayey SILT with rare rootlets 1mm. Gravels consists of angular yellow and black ferruginous sandstone. MADE GROUND
	0.30	D					
				0.40			Reworked brown slightly sandy slightly clayey silty COBBLES. Cobbles consists of subrounded yellow and black ferruginous sandstone 45mm diameter MADE GROUND
	0.70	D		0.70			Brownish yellow very sandy gravelly CLAY with occasional cobbles. Gravels and cobbles consists of yellow and black ferruginous sandstone WEALD CLAY
							End of Pit at 0.70m

Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

Geo-Environmental
Unit 7, Danworth Farm
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www.gesl.net

Trial Pit Log

TrialPit No
HP07
Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515269.98 - 128004.58 Level:	Date 13/05/2022
Location: Southwater		Dimensions (m): 0.30 x 0.30 Depth 0.75	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.20	ES		0.20			Turf over slightly gravelly sandy SILT. Gravels are fine subrounded to subangular sandstone. TOPSOIL
	0.30	D					Firm to stiff orangish brown and grey mottled slightly gravelly CLAY. Gravels are fine subrounded to subangular clasts. WEALD CLAY
				0.50			Very soft to soft orangish brown and greenish grey mottled slightly gravelly silty CLAY with sandy patches. Gravels are fine subrounded sandstone clasts. WEALD CLAY
	0.75	D		0.75			End of Pit at 0.75m

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Water Strike Details (mbgl)	
Depth	Rose To

Remarks

Stability

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP08 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515502.62 - 128055.81 Level:	Date 13/05/2022
Location: Southwater		Dimensions (m): Depth 0.75 — 0.30 × 0.30	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Dark brown sandy SILT. Abundant 1-2mm rootlets. TOPSOIL
	0.30	D					Soft brown to orangish brown and grey mottled slightly sandy slightly gravelly silty CLAY. Gravels are black fine to medium sandstone clasts. Rare 1-5mm rootlets/roots. WEALD CLAY
	0.75	D		0.75			End of Pit at 0.75m

Water Strike Details (mbgl)			
Depth	Rose To	Remarks	
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP09 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515652.75 - 127938.08 Level:	Date 13/05/2022
Location:	Southwater	Dimensions (m): Depth 0.55	0.30 / 0.30	Scale 1:25
Client:	Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Turf over light brown sandy SILT with abundant 1-2mm rootlets TOPSOIL
	0.30	D					Orange and grey mottled sandy slightly gravelly silty CLAY. Gravels consists of yellow and black ferruginous sandstone. WEALD CLAY
	0.55	D		0.55			End of Pit at 0.55m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP10 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515494.52 - 127812.20 Level:	Date 12/05/2022
Location: Southwater		Dimensions (m): 0.30 × 0.30 Depth 0.75	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Turf over dark brown SILT. Abundant 1-2mm rootlets. TOPSOIL
	0.30	D					Brown to orange and grey mottled slightly sandy silty CLAY. Rare 1-2mm rootlets. WEALD CLAY
				0.40			Orange and grey mottled slightly silty slightly sandy CLAY. Rare 2-4mm roots. WEALD CLAY
							... 2-4mm roots.
	0.75	D		0.75			End of Pit at 0.75m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP11 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515213.60 - 127832.95 Level:	Date 12/05/2022
Location:	Southwater		Dimensions (m): 0.30 x 0.30 Depth 0.70	Scale 1:25
Client:	Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Ploughed crop stubble over slightly sandy slightly gravelly SILT with abundant 1mm rootlets and roots. Gravel consists of fine subrounded yellow and black ferruginous sandstone. TOPSOIL
	0.30	D					Firm brownish orange and grey mottled silty CLAY with sandy patches. Occasional 1mm rootlets. WEALD CLAY
	0.70	D		0.70			End of Pit at 0.70m

Water Strike Details (mbgl)			
Depth	Rose To	Remarks	
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP12 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515682.43 - 127867.19 Level:	Date 13/05/2022
Location:	Southwater		Dimensions (m): 0.30 / 0.30 / Depth 0.60	Scale 1:25
Client:	Berkeleys			Logged Jim Cameron

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.25			Brown slightly gravelly clayey sandy silt. Rare sub-angular to angular brick and sandstone. Rotting crops and muck down to 0.2. MADE GROUND
	0.50	D		0.60			Stiff grey with orange and brown mottling slightly gravelly slightly sandy silty CLAY. Gravel comprised of sub-angular to angular fine grained sandstone. WEALD CLAY
							End of Pit at 0.60m

Water Strike Details (mbgl)		Remarks	Ploughed field recently spread with muck.
Depth	Rose To		
		Stability	

Geo-Environmental
Unit 7, Danworth Farm
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Trial Pit Log

TrialPit No
HP13
Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515800.64 - 127651.67 Level:	Date 13/05/2022
Location: Southwater		Dimensions (m): Depth 0.70 — 0.30 × 0.30	Scale 1:25
Client: Berkeleys			Logged Jim Cameron

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10	ES		0.30			Brown slightly gravelly slightly sandy silty clay. Gravel comprised of sub-angular to angular sandstone flint and silt. Numerous rotting crop vegetation to 0.2. TOPSOIL
	0.50 0.50	D PP	PP=2kg/cm2	0.70			Stiff mottled grey and orange slightly gravelly slightly sandy silty CLAY. Gravel is sub-angular sandstone. Rare ferruginous staining and traces of rootlets. WEALD CLAY
							End of Pit at 0.70m

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Water Strike Details (mbgl)	
Depth	Rose To

Remarks: Ploughed field recently spread with muck.

Stability:

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP14 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515393.58 - 127681.60 Level:	Date 12/05/2022
Location: Southwater		Dimensions (m): 0.30 × 0.30 Depth 0.60	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Light brown sandy gravelly SILT with abundant rootlets. Gravel consists of fine subrounded to subangular yellow and black sandstone. Frequent 1-2mm rootlets. TOPSOIL
	0.30	D					Dark brown slightly gravelly silty CLAY with sandy patches. Frequent 1-2mm rootlets. WEALD CLAY
				0.50			Brown to mottled grey and orangish brown slightly sandy, slightly silty CLAY. Occasional 1-2mm rootlets with one 20mm live tree root. WEALD CLAY
	0.60	D		0.60			*... 20mm tree root* End of Pit at 0.60m

Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP15 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515147.41 - 127583.54 Level:	Date 12/05/2022
Location:	Southwater	Dimensions (m): Depth 0.70 — 0.30 × 0.30		Scale 1:25
Client:	Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Dark brown slightly silty slightly sandy CLAY. Abundant rootlets TOPSOIL
	0.30	D					Dark brown slightly silty sandy slightly gravelly CLAY. Gravels are fine subangular sandstone. WEALD CLAY
	0.60	D		0.50			Light grey and yellowish/orangish brown sandy gravelly CLAY. Gravels are fine subrounded to subangular sandstone. WEALD CLAY
				0.70			*... Land drain.* End of Pit at 0.70m

Water Strike Details (mbgl)		Remarks	Refusal on hard ground at at 0.7m bgl
Depth	Rose To		
		Stability	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP16 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515601.75 - 127616.20 Level:	Date 13/05/2022
Location:	Southwater		Dimensions (m): 0.30 / 0.30 / Depth 0.80	Scale 1:25
Client:	Berkeleys			Logged Jim Cameron

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES					Brown slightly gravelly slightly sandy clayey silt. Gravel is angular sandstone and rare flint. Numerous rootles and rotting vegetation. TOPSOIL
	0.30	D		0.30			Stiff brown with grey and orange mottling slightly gravelly silty CLAY. Gravel comprised of sub-angular to angular sandstone. Rare ferruginous staining. Rare roots 1-3mm. WEALD CLAY
	0.50	PP	PP=2kg/cm2				
	0.60	D					
				0.80			End of Pit at 0.80m

Water Strike Details (mbgl)			
Depth	Rose To	Remarks	Ploughed field recently spread with muck.
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP17 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515459.79 - 127479.92 Level:	Date 12/05/2022
Location: Southwater		Dimensions (m): Depth 0.50 — 0.30 × 0.30	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Ploughed crop stubble over dark brown slightly sandy SILT. Occasional decomposing rootlets. TOPSOIL
	0.30	D					Dark brown and orange mottled slightly sandy silty CLAY. WEALD CLAY
	0.50	D		0.50			End of Pit at 0.50m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP18 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515584.52 - 127354.60 Level:	Date 11/05/2022
Location: Southwater		Dimensions (m): Depth 0.55 (0.30 × 0.30)	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.30	ES		0.20			Light brown SILT with abundant roots and rootlets TOPSOIL
				0.40			Light brown slightly sandy SILT with abundant rootlets WEALD CLAY
				0.55			Light brown, yellow and black mottled slightly sandy CLAY WEALD CLAY
							End of Pit at 0.55m

Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP19 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515021.39 - 127452.13 Level:	Date 12/05/2022
Location: Southwater		Dimensions (m): Depth 0.72 — 0.30 × 0.30	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Turf over brown slightly clayey SILT. Abundant 1-2mm rootlets. TOPSOIL
	0.30	D					Mottled orangish brown and grey silty CLAY. Occasional rootlets. WEALD CLAY
	0.70	D		0.72			End of Pit at 0.72m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP20 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515230.37 - 127350.70 Level:	Date 12/05/2022
Location: Southwater		Dimensions (m): Depth 0.50 — 0.30 × 0.30	Scale 1:25
Client: Berkeleys			Logged Will Purslow

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20	ES		0.20			Ploughed crop stubble over slightly sandy SILT. TOPSOIL
	0.30	D		0.30			Soft Dark brown and orange slightly sandy CLAY. WEALD CLAY
	0.50	D		0.50			Soft Orange and grey mottled sandy slightly gravelly CLAY. Gravels consists of weak fine to medium subrounded to subangular orange and black ferruginous sandstone. WEALD CLAY
							End of Pit at 0.50m

Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

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Trial Pit Log

TrialPit No
HP21
Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 514809.37 - 127194.21 Level:	Date 11/05/2022
Location: Southwater		Dimensions (m): 0.30 x 0.30 Depth 0.70	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
	0.30	ES					Light yellowy brown very sandy, orange and grey mottled silty CLAY WEALD CLAY
	0.50	D					
	0.70	D		0.70			End of Pit at 0.70m

Water Strike Details (mbgl)	
Depth	Rose To

Remarks

Stability

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP22 Sheet 1 of 1
Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515108.27 - 127065.74 Level:	Date 11/05/2022
Location: Southwater		Dimensions (m): Depth 0.55 — 0.30 × 0.30	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
	0.30	ES					Brown sandy slightly gravelly SILT. Gravel consists of stiff yellow and black angular sandstone. WEALD CLAY
	0.50	D		0.55			End of Pit at 0.55m

Water Strike Details (mbgl)			
Depth	Rose To	Remarks	
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP23 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515478.95 - 127094.02 Level:	Date 11/05/2022
Location:	Southwater		Dimensions (m): 0.30 / 0.30 / Depth 0.75	Scale 1:25
Client:	Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20			Ploughed. Light grey slightly gravelly SILT. Gravel consists of medium angular flint. TOPSOIL
	0.30	ES					Dark brown slightly sandy CLAY WEALD CLAY
	0.50	D					
				0.60			Orange and grey mottled slightly sandy CLAY WEALD CLAY
	0.70	D		0.75			End of Pit at 0.75m

Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP24 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514734.27 - 127050.92 Level:	Date 11/05/2022
Location:	Southwater		Dimensions (m): Depth 0.70	Scale 1:25
Client:	Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10 - 0.20	ES		0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
				0.40			Brown, yellow and grey mottled very sandy CLAY with occasional rootlets WEALD CLAY
	0.50	D		0.60			Yellow and grey mottled slightly sandy CLAY WEALD CLAY
	0.70	D		0.70			Stiff yellow and black mottled very clayey SANDSTONE. HORSHAM STONE End of Pit at 0.70m

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Water Strike Details (mbgl)			
Depth	Rose To	Remarks	
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP25 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515274.44 - 126994.38 Level:	Date 11/05/2022
Location: Southwater		Dimensions (m): 0.30 / 0.30 / Depth 0.50	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
	0.30	ES					Dark brown sandy SILT with frequent rootlets WEALD CLAY
				0.40			
	0.50	D		0.50			Medium stiff orangey brown slightly sandy slightly gravelly silty CLAY. Gravel consists of angular yellow and black mottled sandstone WEALD CLAY
							End of Pit at 0.50m

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Water Strike Details (mbgl)			
Depth	Rose To	Remarks	
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP26 Sheet 1 of 1
Project Name: Northwest Southwater		Project No. GE20620 GI	Co-ords: 514929.36 - 126807.03 Level:	Date 11/05/2022
Location: Southwater		Dimensions (m): Depth 0.55	0.30 / 0.30	Scale 1:25
Client: Berkeleys				Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10 - 0.20	ES		0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
	0.30	ES		0.40			Light brown slightly sandy SILT with abundant rootlets WEALD CLAY
	0.50	D		0.50			Light brown very sandy, slightly orange and black mottled grey CLAY with frequent small rootlets WEALD CLAY
				0.55			Light brown, yellow and black mottled slightly sandy CLAY WEALD CLAY End of Pit at 0.55m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

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Trial Pit Log

TrialPit No
HP27
Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515413.50 - 126788.79 Level:	Date 10/05/2022
Location: Southwater		Dimensions (m): 0.30 x 0.30 Depth 0.80	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10 - 0.20	ES		0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
	0.50	D		0.60			Brown slightly sandy silty CLAY with occasional rootlets and rare fine gravel. WEALD CLAY
	0.80	D		0.80			Orangish brown and greenish grey mottled silty CLAY with sandy patches WEALD CLAY
							End of Pit at 0.80m

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Water Strike Details (mbgl)	
Depth	Rose To

Remarks

Stability

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP28 Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514575.46 - 126745.13 Level:	Date 10/05/2022
Location:	Southwater	Dimensions (m): Depth 0.65	0.30 / 0.30	Scale 1:25
Client:	Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.20 - 0.30	ES		0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
				0.50			Slightly yellowy brown fine to medium angular gravelly SILT. Gravel consists of stratified layers of yellow and black SANDSTONE. WEALD CLAY
				0.65			Yellow, brown and black mottled sandy slightly gravelly CLAY. Gravel consists of stratified yellow and black SANDSTONE. WEALD CLAY
							End of Pit at 0.65m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP29 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515110.49 - 126559.82 Level:	Date 11/05/2022
Location: Southwater		Dimensions (m): 0.30 × 0.30 Depth 0.70	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10 - 0.20	ES		0.10			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
				0.30			Orange very sandy CLAY with frequent rootlets WEALD CLAY
	0.50	D					Light grey and orangish brown mottled silty CLAY with brown sandy patches and frequent rootlets WEALD CLAY
	0.70	D		0.70			End of Pit at 0.70m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP30 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 514695.83 - 126521.58 Level:	Date 10/05/2022
Location: Southwater		Dimensions (m): 0.30 / 0.30 / Depth 0.70	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.00 - 0.20	ES		0.20			Brown slightly gravelly SILT with abundant rootlets TOPSOIL
	0.50	D		0.50			Brown and dark brown mottled silty CLAY with sandy patches and rootlets WEALD CLAY
	0.60	D		0.70			Brown and orange mottled slightly sandy CLAY WEALD CLAY
							End of Pit at 0.70m

Water Strike Details (mbgl)			
Depth	Rose To	Remarks	
		Stability	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP31 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515030.24 - 126377.86 Level:	Date 10/05/2022
Location: Southwater		Dimensions (m): 0.30 × 0.30 Depth 0.60	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.10 - 0.20	ES					Brown silty CLAY TOPSOIL
				0.30			
	0.50	D					Brown, orangish brown and light grey mottled slightly gravelly silty CLAY with sandy patches (gravel is fm). WEALD CLAY
	0.60	D		0.60			End of Pit at 0.60m

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Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

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Trial Pit Log

TrialPit No
HP32
Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515442.95 - 126986.60 Level: 54.88
Location:	Southwater	Dimensions (m): Depth 0.20	0.20 / 0.20
Client:	Berkeleys		

Date: 25/05/2022
Scale: 1:25
Logged: Katie Brayne

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10 - 0.20	ES		0.20	54.68		Grass over brown slightly sandy silty clay with rare fine to medium coarse brick fragments, rare fine flint gravel and very rare carbonaceous deposit. MADE GROUND
							End of Pit at 0.20m

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Water Strike Details (mbgl)	
Depth	Rose To

Remarks

Stability

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Trial Pit Log

TrialPit No
HP33
Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514872.38 - 129167.79 Level: 42.81
Location:	Southwater	Dimensions (m): Depth 0.70	0.30 / 0.30
Client:	Berkeleys		

Date: 10/05/2022
Scale: 1:25
Logged: Joshua Hagger

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.30	ES		0.20	42.61		Grass overlying light brown slightly clayey soil with frequent rootlets TOPSOIL
				0.70	42.11		Light brown and grey mottled slightly clayey SILT with frequent rootlets. WEALD CLAY End of Pit at 0.70m

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Water Strike Details (mbgl)	
Depth	Rose To

Remarks

Stability

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Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Trial Pit Log**	TrialPit No HP34 Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 514929.77 - 129248.60 Level: 42.12	Date 10/05/2022
Location: Southwater		Dimensions (m): 0.30 × 0.30 Depth 0.80	Scale 1:25
Client: Berkeleys			Logged Joshua Hagger

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.10	42.02		Brown slightly gravelly SILT with abundant rootlets TOPSOIL
				0.25	41.87		Light brown slightly sandy very gravelly CLAY with frequent rootlets. Gravel consists of yellow and black coloured brittle angular sandstone WEALD CLAY
				0.55	41.57		Yellow and dark brown very gravelly clayey SAND. Gravel consists of fine to coarse angular sandstone and flint. WEALD CLAY
				0.80	41.32		Yellowy light brown and grey mottled very sandy gravelly CLAY. Gravel consists of fine to medium sandstone and occasional flint. WEALD CLAY
							End of Pit at 0.80m

Water Strike Details (mbgl)		Remarks	
Depth	Rose To		
		Stability	

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Trial Pit Log

TrialPit No
HP35
Sheet 1 of 1

Project Name: Northwest Southwater	Project No. GE20620 GI	Co-ords: 515411.32 - 126909.12 Level: 53.99	Date 25/05/2022
Location: Southwater		Dimensions (m): Depth 0.20 (0.20 x 0.20)	Scale 1:25
Client: Berkeleys			Logged Katie Brayne

Water Strike	Samples & In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
	0.10 - 0.20	ES		0.20	53.79		Dark brown slightly sandy silty clayey Topsoil with rare angular flint gravel and abundant fine roots. Rare carbonaceous pockets and decaying wood fragment. TOPSOIL
							End of Pit at 0.20m

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Water Strike Details (mbgl)	
Depth	Rose To

Remarks

Stability

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS01** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515686E - 128665N	Hole Type WLS
Location:	Southwater		Level: 52.82	Scale 1:25
Client:	Berkeleys		Dates: 13/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying brown slightly gravelly slightly clayey silty sand. Gravel is sub-angular concrete and siltstone. Numerous rootlets. MADE GROUND
		0.50 0.50	D PP	2.0 kg/cm2	0.45	52.37		Stiff to very stiff brown with grey and orange mottling becoming yellowish brown slightly gravelly slightly sandy silty CLAY. Gravel comprised of sub-angular to angular sandstone and siltstone. Sandstone is dark brown ferruginous. Occasional orange and dark brown staining. WEALD CLAY
		1.00 1.00	D PP	2.5kg/cm2				*... ferruginous sandstone band.*
		1.50 1.50	D PP	3.0 kg/cm2				
		2.00 2.00	D PP	3.0 kg/cm2				*... dark orangish brown ferruginous siltstone.*
		2.50 2.50	D PP	3.5kg/cm2				
		3.00 3.00	D PP	4.0kg/cm2	3.05	49.77		*... dark orangish brown ferruginous siltstone.* Orangish brown to yellowish brown clayey SILT / thinly bedded to laminated SILTSTONE. Occasional dark brown staining. HORSHAM STONE
	▼	3.50	D					*... dark orangish brown ferruginous siltstone.*
		4.00	D		4.00	48.82		End of Borehole at 4.00m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
			3.30	3.30	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS02** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515824E - 128552N	Hole Type WLS
Location:	Southwater		Level: 56.55	Scale 1:25
Client:	Berkeleys		Dates: 12/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Brown slightly clayey silty sand. Rare rootlets MADE GROUND
					0.20	56.35		
		0.50	D					Slightly gravelly slightly sandy silty CLAY. Gravel is siltstone and brick. MADE GROUND
		0.50	ES					
		1.00	D					
		1.50	D					
		2.00	D					
					2.40	54.15		
		2.50	D					Very stiff mottled grey and orangish brown slightly gravelly slightly sandy silty CLAY. Gravel comprised of sub-angular to angular ferruginous siltstone and nodular calcareous material. WEALD CLAY
		3.00	D					
		3.50	D					
		4.00	D		4.00	52.55		End of Borehole at 4.00m

1 2 3 4 5

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

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Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS03** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515985E - 128382N	Hole Type WLS
Location:	Southwater		Level: 63.22	Scale 1:25
Client:	Berkeleys		Dates: 12/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Brown slightly clayey silty sand. Rare rootlets. MADE GROUND
					0.25	62.97		
		0.40	ES					Reworked brown slightly gravelly slightly sandy silty clay. Gravel comprised of rounded to angular flint, brick, siltstone. Rare rootlets. MADE GROUND
		0.50	D					
		0.50	PP	4.0kg/cm2				
		1.00	D		1.00	62.22		Reworked siltstone. MADE GROUND
		1.00	PP	4.0kg/cm2	1.10	62.12		Firm to very stiff brown to mottled grey and brown slightly gravelly silty CLAY. Gravel comprised of sub-angular to angular siltstone and white calcareous nodules. Rare roots 1-10mm. WEALD CLAY
		1.30	ES					
		1.50	D					
		1.50	PP	2.5kg/cm2				*... ferruginous band with dark brown material.*
	▼	2.00	D					
	▼	2.00	PP	1.5kg/cm2				*... ferruginous band with dark brown material.*
		2.50	D					
		2.50	PP	3.0 kg/cm2				
		3.00	D					
		3.00	PP	4.0kg/cm2				
		3.50	D					
		3.50	PP	2.0 kg/cm2				
					3.80	59.42		Brown clay SILT / thinly bedded to laminated SILTSTONE. HORSHAM STONE
		4.00	D		4.00	59.22		End of Borehole at 4.00m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
			2.10	2.10	

AGS

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS04** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515591E - 128389N	Hole Type WLS
Location:	Southwater		Level: 56.00	Scale 1:25
Client:	Berkeleys		Dates: 12/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.05	55.95		Grass overlying brown slightly gravelly silty sand.
		0.10	ES		0.13	55.87		Gravel comprised of rounded to angular flint and sandstone.
					0.25	55.75		MADE GROUND
		0.50	D					Orange and brown very gravelly sand. Gravel comprised of sub-angular to very angular brick, clay pipe, mortar sandstone and siltstone.
		0.50	ES					MADE GROUND
		0.50	PP	4.5kg/cm2				Yellowish brown very gravelly sand. Gravel comprised of sub-angular to angular sandstone and brick
								MADE GROUND
		1.00	D					Reworked? Brown very stiff slightly gravelly silty CLAY. Gravel comprised of sub-angular to angular siltstone and fine to medium white calcareous nodules. Frequent orange staining Rare roots 1-4mm
		1.00	PP	4.5kg/cm2				MADE GROUND
					1.25	54.75		Reworked? Brown fine to medium SAND.
		1.50	D					MADE GROUND
					1.60	54.40		Very stiff mottled orange and brown slightly gravelly silty CLAY. Gravel comprised of sub-angular to very angular siltstone and occasional calcareous nodules. Occasional dark brown ferruginous staining.
		2.00	D					WEALD CLAY
		2.00	PP	4.5kg/cm2				
					2.25	53.75		Light brown and light grey mottled slightly gravelly slightly shaley silty CLAY with sandy patches (gravel is fm).
		2.50	D					WEALD CLAY
		2.50	PP	4.5kg/cm2				
		3.00	D					*... dark brown colour.*
		3.00	PP	4.5kg/cm2				
		3.50	D					
		3.50	PP	4.5kg/cm2				
		4.00	D		4.00	52.00		End of Borehole at 4.00m
		4.00	PP	5.0kg/cm2				

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS05** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515643E - 128341N	Hole Type WLS
Location:	Southwater		Level: 56.09	Scale 1:25
Client:	Berkeleys		Dates: 12/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying reworked brown slightly gravelly sandy silty clay. Gravel comprised of sub-angular to angular flint. Low sub-angular flint cobble content. MADE GROUND
		0.30	ES		0.25	55.84		
		0.50 0.50	D PP	4.0kg/cm2				Very stiff mottled grey and orangish brown slightly gravelly silty CLAY. Gravel is sub-angular to angular siltstone and calcareous nodules. WEALD CLAY
		1.00 1.00	D PP	4.0kg/cm2				
		1.50 1.50	D PP	3.0 kg/cm2				
					1.70	54.38		Very stiff yellowish brown with orange staining clayey SILT / SILTSTONE. HORSHAM STONE
		2.00 2.00	D PP	4.0 kg/cm2	1.95	54.14		Brown clay SILT / SILTSTONE. HORSHAM STONE
		2.50 2.50	D PP	5.0 kg/cm2				
		3.00 3.00	D PP	5.0kg/cm2				
		3.50 3.50	D PP	5.0kg/cm2				
		4.00 4.00	D PP	5.0kg/cm2	4.00	52.08		End of Borehole at 4.00m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS06** Sheet 1 of 1
Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515638E - 128294N	Hole Type WLS
Location:	Southwater		Level: 56.89	Scale 1:25
Client:	Berkeleys		Dates: 12/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.15	56.74		Grass overlying sandy gravel chalk crush. Gravel comprised of sub-angular to very angular chalk and flint. MADE GROUND
		0.40	ES					Orangish brown with grey mottling slightly gravelly silty CLAY. Gravel comprised of angular siltstone and ferruginous siltstone/sandstone. WEALD CLAY
		0.50	D					
		0.50	ES					
		0.50	PP	2.0 kg/cm2				
		1.00	D					
		1.00	PP	4.0kg/cm2				
		1.50	D					
		1.50	PP	4.0kg/cm2				
		2.00	D					
		2.00	PP	4.0kg/cm2				
					2.30	54.59		Very stiff brown clayey SILT / thinly bedded to laminated SILTSTONE. HORSHAM STONE
		2.50	D					
		2.50	PP	3.5kg/cm2				
		3.00	D					
		3.00	PP	5.0kg/cm2				
		3.50	D					
		3.50	PP	5.0kg/cm2				
		4.00	D		4.00	52.89		End of Borehole at 4.00m
		4.00	PP	5.0kg/cm2				

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

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Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS07** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515234E - 127722N	Hole Type WLS
Location:	Southwater		Level: 56.48	Scale 1:25
Client:	Berkeleys		Dates: 12/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.13	56.35		Grass and nettles overlying white sandy gravel chalk crush. Gravel is sub-rounded chalk and very angular flint.
					0.20	56.28		MADE GROUND
		0.40	ES		0.35	56.13		Brown slightly clayey silty sand. TOPSOIL
		0.50	D					Light brown clayey sandy silt. WEALD CLAY
		0.50	PP	3.5kg/cm2				Very stiff orangish brown slightly sandy clayey SILT. Numerous ferruginous staining and orange mottling. WEALD CLAY
					0.70	55.78		Stiff mottled grey and orangish brown slightly gravelly silty CLAY. Gravel comprised of sub-angular sandstone.
		1.00	D		0.95	55.53		WEALD CLAY
		1.00	PP	2.0 kg/cm2				*... sandstone band.*
								Brown and light brown mottled sandy silty CLAY with rare black iron stained sandy and fine gravel and medium to cobble sized sandstone gravel.
		1.50	D					WEALD CLAY
		1.50	PP	2.0 kg/cm2	1.60	54.88		Mottled grey and orange clayey very sandy SILT. WEALD CLAY
		2.00	D					
	▼	2.00	PP	4.0kg/cm2	2.05	54.43		Light brown slightly gravelly SAND. Gravel comprised of sub-angular sandstone. HORSHAM STONE
		2.40	D		2.40	54.08		End of Borehole at 2.40m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
			2.26	2.26	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS08** Sheet 1 of 1
Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515028E - 126910N	Hole Type WLS
Location:	Southwater		Level: 49.69	Scale 1:25
Client:	Berkeleys		Dates: 11/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying brown slightly gravelly sandy clayey silt. Gravel comprised of sub-angular to angular siltstone and sandstone. Abundant rootlets and rare roots 1-2mm. Orange staining around rootlets. TOPSOIL
		0.40	ES		0.45	49.24		
		0.50	D					Greenish grey mottled orangish brown silty CLAY with sandy patches and rare fine gravel WEALD CLAY
		0.50	PP	3.0 kg/cm2				
		1.00	D		0.90	48.79		Very stiff light brown with occasional orange and grey mottling slightly gravelly clayey SILT. Gravel comprised of sub-angular to angular siltstone. WEALD CLAY
		1.00	PP	3.5kg/cm2				
		1.50	D					
		1.50	PP	3.5kg/cm2				
		2.00	D		1.90	47.79		Very stiff light brown clayey SILT / thinly bedded SILTSTONE. Numerous dark brown ferruginous staining. HORSHAM STONE
		2.00	PP	5.0kg/cm2				
		2.50	D					
		2.50	PP	5.0kg/cm2				
		3.00	D					
		3.00	PP	5.0kg/cm2				
		3.50	D					
		3.50	PP	5.0kg/cm2				
		4.00	D		4.00	45.69		End of Borehole at 4.00m
		4.00	PP	5.0kg/cm2				

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS09** Sheet 1 of 1
Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515063E - 126872N	Hole Type WLS
Location:	Southwater		Level: 49.22	Scale 1:25
Client:	Berkeleys		Dates: 11/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying brown slightly sandy clayey silt. Frequent rootlets. TOPSOIL
		0.40	ES		0.45	48.77		
		0.50	D					Very stiff light brown with grey and orange mottling slightly gravelly silty CLAY. Gravel comprised of sub-angular siltstone. Rare ferruginous staining. Rare rootlets. WEALD CLAY
		0.50	PP	3.0 kg/cm2				*... band of ferruginous material.*
		1.00	D					
		1.00	PP	4.5kg/cm2				
		1.50	D		1.40	47.82		Greenish grey and orangish brown mottled silty CLAY with sandy patches and rare fine gravel WEALD CLAY
		1.50	PP	5.0kg/cm2				
		2.00	D					
		2.50	D					
		3.00	D		3.00	46.22		End of Borehole at 3.00m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Refused at 3.0m

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Borehole Log

Borehole No. **WS10**
Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515139E - 126796N	Hole Type WLS
Location:	Southwater		Level: 48.80	Scale 1:25
Client:	Berkeleys		Dates: 11/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES					Grass overlying brown slightly gravelly sandy clayey silt. Gravel comprised of sub-angular to angular siltstone. Frequent rootlets. TOPSOIL
		0.40	ES		0.45	48.35		
		0.50	D					Stiff mottled grey and orangish brown slightly gravelly sandy silty CLAY. Gravel is fine to medium sub-angular siltstone and coarse sandstone. Sand is dark brown ferruginous. WEALD CLAY
		0.50	PP	2.0 kg/cm2	0.75	48.05		*... band of ferruginous sand and sandstone.*
					0.95	47.85		Firm mottled light grey and orange silty CLAY. WEALD CLAY
		1.00	D					Brown mottled light grey sandy silty CLAY with sandy patches and rare fine gravel
		1.00	PP	0.5kg/cm2				WEALD CLAY
		1.50	D					
		1.50	PP	4.0kg/cm2				
	▼	2.00	D					
		2.00	PP	5.0kg/cm2				*... hard sandstone band.*
					2.10	46.70		End of Borehole at 2.10m

1 2 3 4 5

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	
			1.95	1.95	

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Borehole Log

Borehole No. **WS11**
Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515200E - 126745N	Hole Type WLS
Location:	Southwater		Level: 50.15	Scale 1:25
Client:	Berkeleys		Dates: 11/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying brown slightly sandy clayey silt. Frequent rootlets. TOPSOIL
		0.40	ES		0.40	49.74		
		0.50	D					Mottled grey and orange silty CLAY. WEALD CLAY
		0.50	PP	3.0 kg/cm2				
		1.00	D					
		1.00	PP	3.8kg/cm2				
					1.15	49.00		
		1.50	D					Very stiff dark brown with grey mottling silty CLAY. WEALD CLAY
		1.50	PP	4.0kg/cm2				
					1.80	48.34		
		2.00	D					Very stiff brown with orange and grey mottling clayey SILT / SILTSTONE. HORSHAM STONE
		2.00	PP	4.0kg/cm2				
		2.50	D					
		2.50	PP	4.0kg/cm2				
		3.00	D					
		3.00	PP	4.5kg/cm2				
					3.20	46.94		End of Borehole at 3.20m

1 2 3 4 5

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Refused at 3.2m

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Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS12** Sheet 1 of 1
Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515091E - 126784N	Hole Type WLS
Location:	Southwater		Level: 47.38	Scale 1:25
Client:	Berkeleys		Dates: 11/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying light brown slightly gravelly sandy clayey silt. Gravel comprised of sub-angular very angular sandstone and siltstone. Frequent rootlets and rare roots 1-2mm. TOPSOIL
					0.40	46.98		
		0.50	D					Very stiff brown to mottled orange and grey gravelly sandy silty CLAY. Gravel comprised of sub-angular to angular siltstone and dark brown to black ferruginous sandstone and siltstone. WEALD CLAY
		0.50	ES					
		0.50	PP	2.5kg/cm2				
		1.00	D					*... zone of ferruginous sand and sandstone.*
		1.00	PP	2.0 kg/cm2				
		1.50	D					*... occasional light grey coarse sand and fine to medium siltstone gravel.*
		1.50	PP	4.5kg/cm2				
					1.90	45.48		
		2.00	D					Brown with rare dark brown staining gravelly sandy clayey SILT / thinly bedded to laminated weak SILTSTONE. Gravel comprised of siltstone and sandstone. HORSHAM STONE
		2.00	PP	4.0kg/cm2				
		2.50	D					
		2.50	PP	4.5kg/cm2				
		3.00	D					
		3.00	PP	3.0 kg/cm2				
		3.50	D					
		3.50	PP	5.0kg/cm2				
		4.00	D		4.00	43.38		End of Borehole at 4.00m
		4.00	PP	5.0kg/cm2				

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS13** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515137E - 126743N	Hole Type WLS
Location:	Southwater		Level: 48.91	Scale 1:25
Client:	Berkeleys		Dates: 11/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying light brown slightly gravelly sandy clayey silt. Gravel comprised of sub-angular siltstone and sandstone. Frequent rootlets and rare roots 1-2mm.
					0.30	48.61		TOPSOIL
		0.40	ES					Stiff to very stiff light brown with grey and orange mottling slightly gravelly silty CLAY. Gravel is comprised of rare angular dark brown ferruginous sandstone. Rare rootlets
		0.50	D					
		0.50	PP	2.5kg/cm2				WEALD CLAY
		1.00	D					
		1.00	PP	2.5kg/cm2				
		1.50	D					
		1.50	PP	2.5kg/cm2	1.60	47.31		Stiff to very stiff light brown with grey and orange mottling gravelly sandy silty CLAY / thinly bedded to laminated SILTSTONE. Gravel is comprised of sub-angular angular siltstone and dark brown ferruginous sandstone. Occasional light grey sub-angular coarse siltstone sand. Rare rootlets
		2.00	D					WEALD CLAY
		2.00	PP	3.0 kg/cm2				*... band of ferruginous fine to medium grained sandstone.*
	▼	2.50	D					
	▼	2.50	PP	4.5kg/cm2	2.70	46.21		*... band of ferruginous fine to medium grained sandstone.*
								End of Borehole at 2.70m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Refused at 2.7 on sandstone cobble.
			2.60	2.60	

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Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS14** Sheet 1 of 1
Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 515194E - 126685N	Hole Type WLS
Location:	Southwater		Level: 50.10	Scale 1:25
Client:	Berkeleys		Dates: 11/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying light brown slightly sandy clayey silt. Frequent rootlets. TOPSOIL
					0.30	49.80		
		0.40	ES					Stiff to very stiff mottled grey and orange silty CLAY. Rare roots 1-2mm. WEALD CLAY
		0.50	D					
		0.50	PP	3.5kg/cm2				
					0.70	49.40		Very stiff mottled grey and orange slightly sandy slightly gravelly silty CLAY. Gravel is sub-angular to angular siltstone. WEALD CLAY
		1.00	D					
		1.00	PP	2.5kg/cm2				
					1.25	48.85		Very stiff dark brown and orange silty CLAY / thinly bedded to laminated weak SILTSTONE. Rare grey clay laminations. Numerous dark reddish brown ferruginous staining. WEALD CLAY
		1.50	D					
		1.50	PP	4.0kg/cm2				
		2.00	D					
		2.00	PP	5.0kg/cm2				
		2.50	D					
		2.50	PP	5.0kg/cm2				
		3.00	D					
		3.00	PP	5.0kg/cm2				
		3.50	D					
		3.50	PP	5.0kg/cm2				
		4.00	D		4.00	46.10		End of Borehole at 4.00m
		4.00	PP	5.0kg/cm2				

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS15** Sheet 1 of 1
Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514780E - 126661N	Hole Type WLS
Location:	Southwater		Level: 42.38	Scale 1:25
Client:	Berkeleys		Dates: 10/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.15	42.23		Grass overlying brown slightly gravelly slightly sandy silt. Gravel is sub-angular siltstone, sandstone and flint. MADE GROUND
		0.50	D		0.50	41.88		Brown slightly gravelly slightly sandy silt. Gravel is sub-angular siltstone, sandstone and flint. MADE GROUND
		0.70	ES					Dark brown and orange gravelly sandy silty clay. Gravel comprises sub-angular to angular flint sandstone, glass and steel and plastic. MADE GROUND
		1.00	D		1.10	41.28		
		1.40	ES					Very stiff dark brown to mottled grey and orange slightly gravelly slightly sandy silty CLAY. Gravel comprised of sub-angular siltstone. Rare dark brown ferruginous staining. WEALD CLAY
		1.50	D					
		1.50	PP	1.5kg/cm2				
		2.00	D					
		2.00	PP	2.0 kg/cm2				
		2.50	D					
		2.50	PP	4.0kg/cm2				
		3.00	D		2.80	39.58		Yellowish brown to light grey laminated SILT / weak SILTSTONE. HORSHAM STONE
		3.00	PP	5.0kg/cm2				
		3.50	D					
		4.00	D		4.00	38.38		End of Borehole at 4.00m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

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Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	**Borehole Log**	Borehole No. **WS16** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514854E - 129114N	Hole Type WLS
Location:	Southwater		Level: 43.20	Scale 1:25
Client:	Berkeleys		Dates: 10/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES					Grass overlying dark brown slightly gravelly sandy clayey silt. Gravel is medium sub-rounded flint. Frequent rootlets. TOPSOIL
					0.30	42.90		
		0.40	ES					Orangish brown slightly gravelly silty fine SAND. Gravel is composed of sub-angular to angular siltstone. Rare to occasional rootlets. WEALD CLAY
		0.50	D					
		0.60	PP	3.5kg/cm2	0.60	42.60		
								Firm to stiff orangish brown slightly gravelly sandy silty CLAY. Gravel is composed of dark brown sub-angular ferruginous sandstone. WEALD CLAY
		1.00	D					
		1.00	PP	1.5kg/cm2				
		1.50	D					
		1.50	PP	1.8kg/cm2				
					1.80	41.40		
		2.00	D					Soft to firm blueish grey slightly gravelly slighty sandy silty CLAY. Gravel is composed of sub-angular sandstone. WEALD CLAY
		2.00	PP	1.0kg/cm2				
		2.50	D					
		2.50	PP	1.2kg/cm2	2.60	40.60		
								Sift dark brown slightly gravelly slightly sandy silty CLAY. Gravel is composed of sub-angular sandstone. Rare rootlets. WEALD CLAY
		3.00	D					
		3.00	PP	2.0 kg/cm2	3.05	40.15		
								Firm to stiff greyish brown with rare orange mottling slightly gravelly silty CLAY. Gravel is composed of sub-angular sandstone. WEALD CLAY
		3.50	D					
		3.50	PP	1.5kg/cm2	3.60	39.60		
								Stiff greyish brown slightly gravelly sandy silty CLAY. Gravel is composed of sub-angular sandstone. WEALD CLAY
		4.00	D		4.00	39.20		
		4.00	PP	2.0 kg/cm2				End of Borehole at 4.00m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		**Remarks**
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

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Geo-Environmental	Unit 7, Danworth Farm Hurstpierpoint BN6 9GL www.gesl.net	Borehole Log	Borehole No. **WS18** Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514855E - 129067N	Hole Type WLS
Location:	Southwater		Level: 47.31	Scale 1:25
Client:	Berkeleys		Dates: 10/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.10	47.21		Grass overlying brown slightly gravelly sandy silt. Gravel comprised of sub-rounded to angular flint sandstone and brick. Frequent rootlets and rare roots 1-2mm. MADE GROUND
		0.50	ES		0.45	46.86		Brown gravelly silty sand. Gravel comprised of rounded to angular flint, sandstone and brick. Rare rootlets. MADE GROUND
		0.70 0.70	D PP	3.2kg/cm2	0.65	46.66		Light brown very gravelly sand. Gravel comprised of sub-rounded to very angular flint brick and stone. MADE GROUND
		1.00 1.00	D PP	2.5kg/cm2	1.10	46.21		Very stiff grey with orange and brown mottling slightly gravelly silty CLAY. Gravel comprised of dark brown sub-angular to angular ferruginous and siltstone WEALD CLAY
		1.50 1.50	D PP	3.0 kg/cm2	1.55	45.76		Very stiff dark brown to yellowish brown gravelly clayey SILT / thinly bedded SILTSTONE. Gravel is angular siltstone. WEALD CLAY
					1.90	45.41		Firm mottled grey and orange silty CLAY. WEALD CLAY *... dark brown siltstone band.*
		2.00 2.00	D PP	3.0 kg/cm2				Orangish brown and greenish grey slightly sandy slightly shaley silty CLAY. Occasional dark brown and orange ferruginous staining on planal surfaces. WEALD CLAY
		2.50 2.50	D PP	4.0kg/cm2				
		3.00 3.00	D PP	4.0kg/cm2				
		3.50 3.50	D PP	4.0kg/cm2				
		4.00 4.00	D PP	4.5kg/cm2	4.00	43.31		End of Borehole at 4.00m

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

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Borehole Log

Borehole No. **WS19**
Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514877E - 129062N	Hole Type WLS
Location:	Southwater		Level: 47.77	Scale 1:25
Client:	Berkeleys		Dates: 10/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing Depth (m)	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
		0.10	ES		0.15	47.62		Grass overlyingbrown slightly gravelly sandy silt. Gravel comprised of fine to medium sub-angular to angular flint, brick and sandstone. Frequent rootlets. MADE GROUND
		0.40	ES					Brown gravelly silty sand. Gravel comprised of rounded to angular flint, brick, concrete and sandstone. Rare rootlets. Underlain by geo-mesh. MADE GROUND
		0.60	ES		0.55	47.22		Stiff mottled grey orange and brown slightly gravelly silty CLAY. Gravel comprises sub-angular ferruginous sandstone and siltstone. Rare rootlets. WEALD CLAY
		1.00 1.00	D PP	 2.5kg/cm2				
					1.30	46.47		Brown gravelly clayey SILT / thinly bedded SILTSTONE. Gravel comprises angular siltstone. WEALD CLAY
		1.50 1.50	D PP	 4.0kg/cm2				
					1.70	46.07		Firm laminated grey and orange silty CLAY. WEALD CLAY
		2.00 2.00	D PP	 3.5kg/cm2	1.95	45.82		Very stiff yellowish brown thinly bedded to laminated clayey SILT / SILTSTONE. HORSHAM STONE
		2.50 2.50	D PP	 5.0kg/cm2				
					2.90	44.87		Very stiff dark brown with dark orange staining slightly clayey SILT / SILTSTONE. Occasional dark brown ferruginous staining on planar surfaces.. HORSHAM STONE
		3.00 3.00	D PP	 4.5kg/cm2				
		3.50 3.50	D PP	 4.0kg/cm2				
		4.00 4.00	D PP	 4.5kg/cm2	4.00	43.77		End of Borehole at 4.00m

1 2 3 4 5

Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	

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Borehole Log

Borehole No. **WS20**
Sheet 1 of 1

Project Name:	Northwest Southwater	Project No. GE20620 GI	Co-ords: 514919E - 129185N	Hole Type WLS
Location:	Southwater		Level: 43.13	Scale 1:25
Client:	Berkeleys		Dates: 10/05/2022	Logged By Jim Cameron

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20	ES					Grass overlying brown slightly gravelly sandy silt. Gravel comprised of sub-angular brick and sandstone. Frequent rootlets a d roots 1-3mm. MADE GROUND
					0.40	42.73		
		0.50	D					Brown slightly gravelly silty CLAY. Gravel is sub-angular to angular sandstone and siltstone. Rare rootlets. WEALD CLAY
		0.50	PP	4.0kg/cm2				
		0.60	ES					
					0.95	42.18		
		1.00	D					Yellowish brown silty fine SAND / fine grained SANDSTONE. WEALD CLAY
		1.00	PP	2.5kg/cm2				
					1.45	41.68		
		1.50	D					Stiff mottled grey and orange slightly gravelly slightly sandy silty CLAY. Gravel comprised of sub-angular sandstone. WEALD CLAY
		1.50	PP	2.0 kg/cm2				
		2.00	D					
		2.00	PP	2.0 kg/cm2				
					2.10	41.03		Orange SAND / SANDSTONE. HORSHAM STONE
		2.50	D					
					2.60	40.53		End of Borehole at 2.60m

1
2
3
4
5

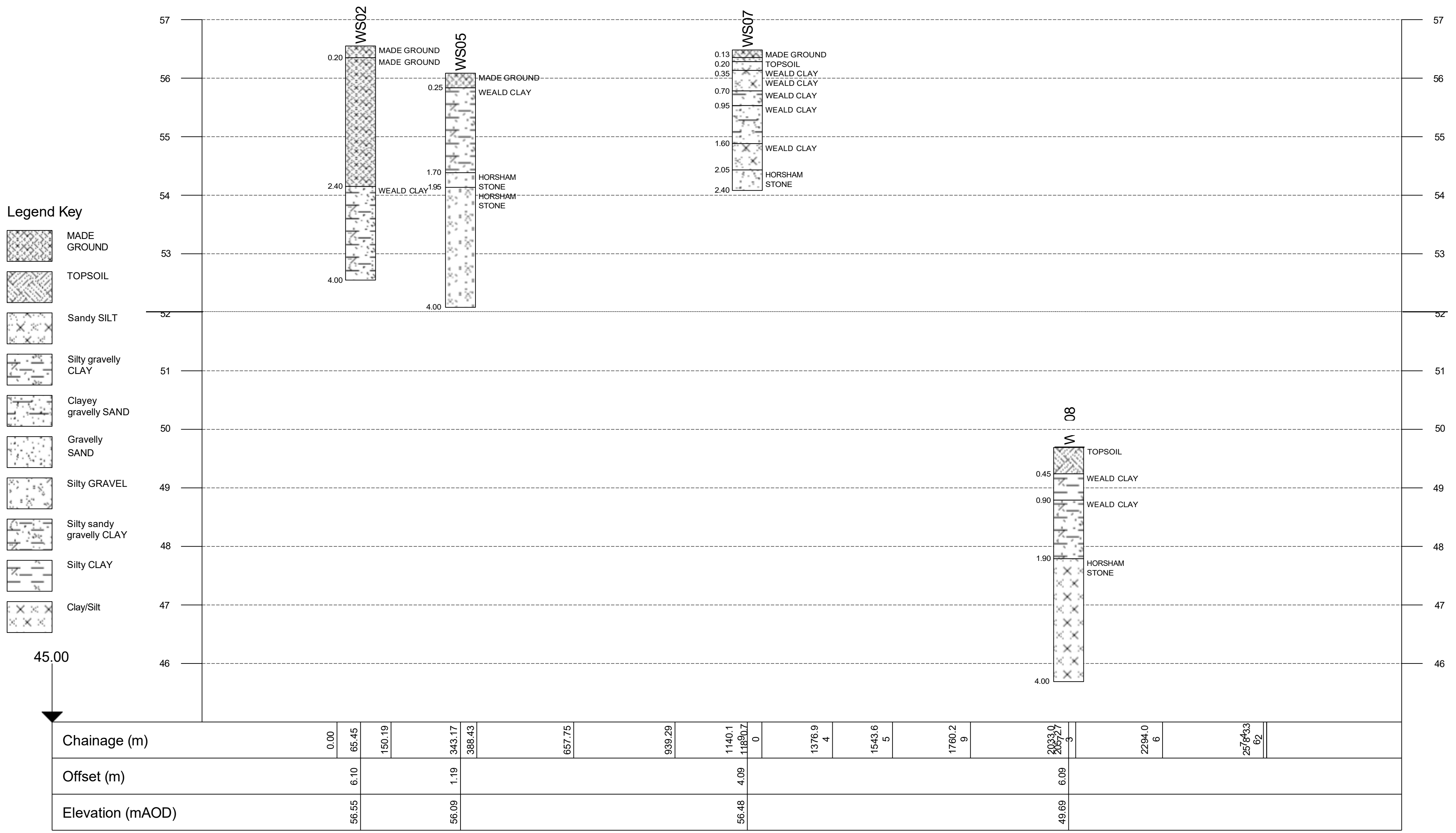
Dynamic Sampling Run Details			Water Strike Details (mbgl)		Remarks
Depth Top	Depth Base	Diameter	Depth Strike	Rose To	Refused at 2.6m bgl.

AGS

Project Id: GE20620 GI
Project Title: Northwest Southwater
Location: Southwater
Client: Berkeleys

Title: Section line 1
Vertical Scale: 1:92
Horizontal Scale: 1:14963
Engineer:

Geo-Environmental



Geo-Environmental

APPENDIX C

Geotechnical Laboratory Test Results

NB/Locations HP07, HP10-11, HP15, HP24, HP28, HP30-31 & WS15 now fall outside the proposed site boundary.

Summary of Natural Moisture Content, Liquid Limit and Plastic Limit Results

Job No.	Project Name	Programme	
31900	Northwest Southwater	Samples received	19/05/2022
		Schedule received	20/05/2022
Project No.	Client	Project started	20/05/2022
GE20620 GI	GESL	Testing Started	13/06/2022

Hole No.	Sample				Soil Description	NMC	Passing 425µm	LL	PL	PI	Remarks
	Ref	Top m	Base m	Type		%	%	%	%	%	
HP03	-	0.65	-	D	Brown slightly gravelly sandy silty CLAY (gravel is fmc)	23	92	51	22	29	
HP05	-	0.30	-	D	Brown sandy silty CLAY with rare fine gravel and rootlets	24	99	51	26	25	
HP07	-	0.75	-	D	Greenish grey mottled orangish brown silty CLAY with sandy patches and rare fine gravel	25	99	53	23	30	
HP08	-	0.75	-	D	Brown slightly gravelly sandy silty CLAY with sandy patches (gravel is fm ironstained)	18	90	31	17	14	
HP09	-	0.55	-	D	Brown mottled light grey slightly gravelly sandy silty CLAY (gravel is fine ironstained)	23	97	58	26	32	
HP10	-	0.75	-	D	Greyish brown and orangish brown mottled slightly sandy silty CLAY with rare fine gravel	25	99	47	20	27	
HP11	-	0.70	-	D	Brown mottled light grey and orangish brown silty CLAY with sandy patches and rare fine gravel	23	99	50	21	29	
HP13	-	0.50	-	D	Brown, orangish brown and occasional light grey silty CLAY with traces of rootlets	19	100	45	19	26	
HP14	-	0.30	-	D	Greenish grey and orangish brown mottled slightly gravelly silty CLAY with sandy patches and rare roots (gravel is fm)	23	97	56	23	33	
HP17	-	0.50	-	D	Brown mottled light grey and orangish brown slightly sandy silty CLAY with sandy patches and rare fine gravel	22	99	50	21	29	
HP19	-	0.70	-	D	Greenish grey mottled brown and orangish brown silty CLAY with sandy patches	29	100	57	26	31	
HP20	-	0.50	-	D	Brown slightly gravelly sandy silty CLAY with pockets of light grey silty clay (gravel is medium and coarse sandstone gravel)	24	95	50	20	30	

Test Methods: BS1377: Part 2: 1990:
Natural Moisture Content : clause 3.2
Atterberg Limits: clause 4.3 and 5.0
These results only apply to the items tested

Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
Watford Herts WD18 9RU

Tel: 01923 711 288
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Checked and Approved
Initials J.P
Date: 15/06/2022

Summary of Natural Moisture Content, Liquid Limit and Plastic Limit Results

Job No.	Project Name	Programme	
31900	Northwest Southwater	Samples received	19/05/2022
		Schedule received	20/05/2022
Project No.	Client	Project started	20/05/2022
GE20620 GI	GESL	Testing Started	13/06/2022

Hole No.	Sample				Soil Description	NMC	Passing 425µm	LL	PL	PI	Remarks
	Ref	Top m	Base m	Type		%	%	%	%	%	
HP21	-	0.50	-	D	Light brown slightly sandy silty CLAY with rare fine gravel and rootlets	15	99	43	20	23	
HP23	-	0.70	-	D	Greenish grey and brown mottled silty CLAY with sandy patches and rare fine gravel	30	99	52	22	30	
HP25	-	0.50	-	D	Brown mottled orangish brown and light grey sandy silty CLAY with rare fine gravel	23	99	51	22	29	
HP26	-	0.50	-	D	Brown slightly sandy silty CLAY with rare ironstained fine gravel and rootlets	22	99	44	21	23	
HP27	-	0.80	-	D	Orangish brown and greenish grey mottled silty CLAY with sandy patches	34	100	77	31	46	
HP29	-	0.50	-	D	Light grey and orangish brown mottled silty CLAY with brown sandy patches	31	100	81	31	50	
HP30	-	0.50	-	D	Brown and dark brown mottled silty CLAY with sandy patches and rootlets	20	100	53	24	29	
HP31	-	0.60	-	D	Brown, orangish brown and light grey mottled slightly gravelly silty CLAY with sandy patches (gravel is fm)	31	97	77	29	48	
WS01	-	2.00	-	D	Brown mottled greenish grey silty CLAY with sandy patches and rare fm gravel	25	99	58	27	31	
WS02	-	3.00	-	D	Greenish grey and orangish brown silty CLAY with sandy patches	26	100	55	24	31	
WS03	-	3.50	-	D	Brown and grey mottled silty CLAY with sandy patches and rare fine gravel	30	99	61	27	34	
WS04	-	1.00	-	D	Light grey mottled brown slightly sandy slightly gravelly silty CLAY (gravel is fm)	18	97	43	20	23	

UKAS TESTING

Test Methods: BS1377: Part 2: 1990:
Natural Moisture Content : clause 3.2
Atterberg Limits: clause 4.3 and 5.0
These results only apply to the items tested

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Checked and Approved

Initials J.P

Date: 15/06/2022

Summary of Natural Moisture Content, Liquid Limit and Plastic Limit Results

Job No.	Project Name	Programme	
31900	Northwest Southwater	Samples received	19/05/2022
		Schedule received	20/05/2022
Project No.	Client	Project started	20/05/2022
GE20620 GI	GESL	Testing Started	13/06/2022

Hole No.	Sample				Soil Description	NMC	Passing 425µm	LL	PL	PI	Remarks
	Ref	Top m	Base m	Type		%	%	%	%	%	
WS04	-	2.50	-	D	Light brown and light grey mottled slightly gravelly slightly shaley silty CLAY with sandy patches (gravel is fm)	17	97	46	22	24	
WS05	-	1.00	-	D	Orangish brown and light grey mottled silty CLAY with sandy patches and rare fine gravel	22	99	58	24	34	
WS06	-	1.50	-	D	Greenish grey and orangish brown mottled silty CLAY with sandy patches and rare fine gravel	22	99	52	23	29	
WS07	-	1.00	-	D	Brown and light brown mottled sandy silty CLAY with rare black ironstained sandy and fine gravel and medium to cobble sized sandstone gravel	24	70	34	18	16	
WS08	-	0.50	-	D	Greenish grey mottled orangish brown silty CLAY with sandy patches and rare fine gravel	24	99	56	22	34	
WS09	-	1.00	-	D	Brown mottled orangish brown and light grey slightly gravelly silty CLAY with sandy patches (gravel is fm)	19	97	42	20	22	
WS09	-	2.50	-	D	Greenish grey and orangish brown mottled silty CLAY with sandy patches and rare fine gravel	20	99	50	23	27	
WS10	-	2.00	-	D	Brown mottled light grey sandy silty CLAY with sandy patches and rare fine gravel	19	98	40	20	20	
WS11	-	1.50	-	D	Reddish brown mottled greenish grey sandy silty CLAY with rare fine gravel	26	99	42	28	14	
WS12	-	1.50	-	D	Greenish grey mottled orangish brown slightly gravelly silty CLAY with sandy patches (gravel is fmc)	21	92	42	19	23	
WS13	-	1.00	-	D	Brown mottled light grey silty CLAY	29	100	69	29	40	
WS14	-	4.00	-	D	Brown, dark grey and orangish brown mottled silty CLAY with sandy patches	27	100	68	26	42	

Test Methods: BS1377: Part 2: 1990:
Natural Moisture Content : clause 3.2
Atterberg Limits: clause 4.3 and 5.0
These results only apply to the items tested

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Test Report by K4 SOILS LABORATORY
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Checked and Approved

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Date: 15/06/2022

Summary of Natural Moisture Content, Liquid Limit and Plastic Limit Results

Job No.	Project Name	Programme	
31900	Northwest Southwater	Samples received	19/05/2022
		Schedule received	20/05/2022
Project No.	Client	Project started	20/05/2022
GE20620 GI	GESL	Testing Started	13/06/2022

Hole No.	Sample				Soil Description	NMC	Passing 425µm	LL	PL	PI	Remarks
	Ref	Top m	Base m	Type		%	%	%	%	%	
WS15	-	2.00	-	D	Greyish brown and occasional orangish brown and light grey silty CLAY	22	100	39	18	21	
WS16	-	1.50	-	D	Brown and light grey mottled slightly gravelly silty CLAY with sandy patches (gravel is fm ironstained)	27	95	51	22	29	
WS18	-	1.00	-	D	Light brown and light grey mottled slightly gravelly silty CLAY with sandy patches (gravel is fm)	29	97	60	25	35	
WS18	-	3.00	-	D	Brown and dark brown mottled slightly gravelly slightly shaley silty CLAY with sandy patches (gravel is fm mudstone fragments)	26	95	66	27	39	
WS19	-	1.00	-	D	Dark orangish brown and brown mottled slightly gravelly silty CLAY with sandy patches (gravel is fm ironstained)	30	97	69	28	41	
WS20	-	2.00	-	D	Greenish grey mottled orangish brown silty CLAY with sandy patches and rare fine gravel	22	99	50	23	27	

Test Methods: BS1377: Part 2: 1990:
Natural Moisture Content : clause 3.2
Atterberg Limits: clause 4.3 and 5.0
These results only apply to the items tested

Test Report by K4 SOILS LABORATORY
Unit 8 Olds Close Olds Approach
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Checked and Approved

Initials **J.P**

Date: 15/06/2022

2519

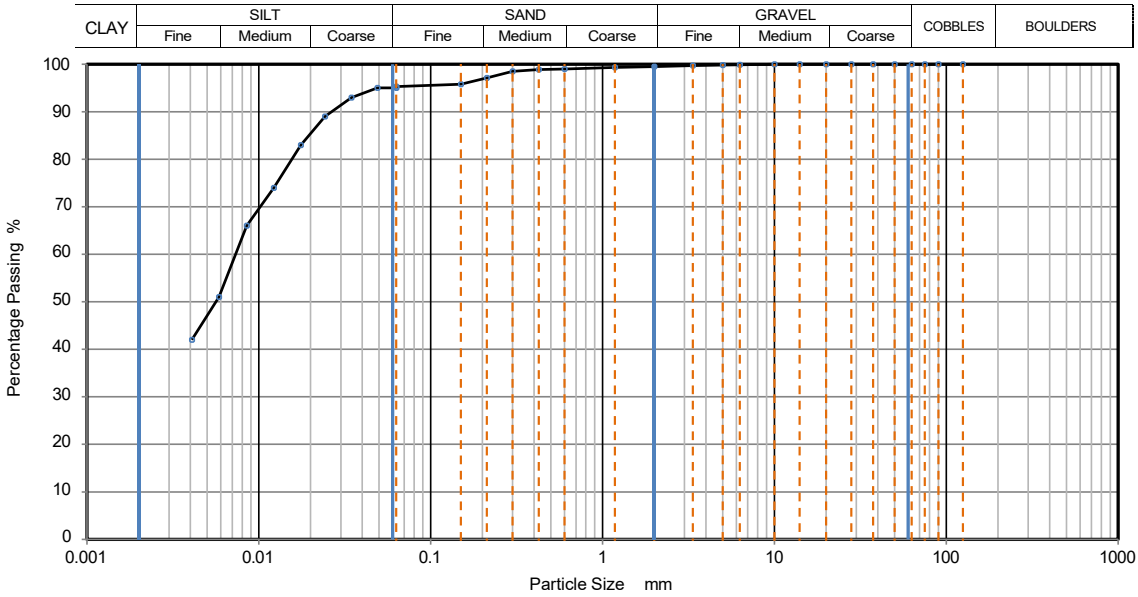
Approved Signatories: K.Phaure (Tech.Mgr) J.Phaure (Lab.Mgr)

PARTICLE SIZE DISTRIBUTION

Site Name	Northwest Southwater			Sample No.	2
Project No.	GE20620 GI	Client	GESL	Depth Top	0.50 m
Soil Description	Brown slightly sandy silty CLAY with occasional rootlets and rare fine gravel			Depth Base	- m
				Sample Type	D
				Samples received	19/05/2022
				Schedules received	20/05/2022
Test Method	BS1377:Part 2: 1990, clause 9.0			Project started	20/05/2022
				Date tested	10/06/2022

Job Ref: 31900
Borehole/Pit No.: HP27

These results only apply to the items tested



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0630	95
90	100	0.0490	95
75	100	0.0345	93
63	100	0.0242	89
50	100	0.0175	83
37.5	100	0.0122	74
28	100	0.0085	66
20	100	0.0059	51
14	100	0.0041	42
10	100		
6.3	100		
5	100		
3.35	100		
2	100		
1.18	99		
0.6	99	Particle density (assumed)	
0.425	99	2.70 Mg/m3	
0.3	99		
0.212	97		
0.15	96		
0.063	95		

Sample Proportions	% dry mass
Very coarse	0.0
Gravel	0.5
Sand	4.2
Fines <0.063mm	95.3

Grading Analysis		
D100	mm	
D60	mm	0.00741
D30	mm	
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Remarks

Preparation and testing in accordance with BS1377 unless noted below

K4 Soils Laboratory

Unit 8, Olds Close, Watford, Herts, WD18 9RU

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Tel: 01923 711288

Checked and Approved

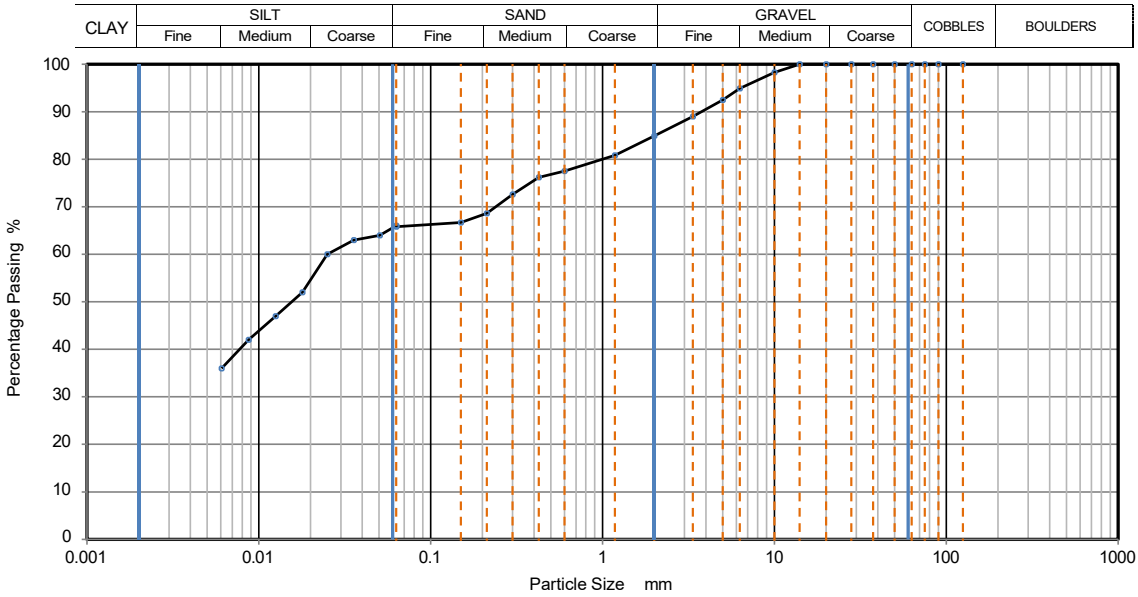
Initials: J.P

Date: 15/06/2022

PARTICLE SIZE DISTRIBUTION

				Job Ref	31900
				Borehole/Pit No.	WS18
Site Name	Northwest Southwater			Sample No.	9
Project No.	GE20620 GI	Client	GESL	Depth Top	3.50 m
Soil Description	Orangish brown and greenish grey slightly sandy slightly shaley silty CLAY			Depth Base	- m
				Sample Type	D
				Samples received	19/05/2022
				Schedules received	20/05/2022
Test Method	BS1377:Part 2: 1990, clause 9.0			Project started	20/05/2022
				Date tested	10/06/2022

These results only apply to the items tested



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100	0.0630	66
90	100	0.0506	64
75	100	0.0357	63
63	100	0.0251	60
50	100	0.0179	52
37.5	100	0.0125	47
28	100	0.0087	42
20	100	0.0061	36
14	100		
10	98		
6.3	95		
5	93		
3.35	89		
2	85		
1.18	81		
0.6	78	Particle density (assumed)	
0.425	76	2.70 Mg/m3	
0.3	73		
0.212	69		
0.15	67		
0.063	66		

Sample Proportions	% dry mass
Very coarse	0.0
Gravel	15.1
Sand	19.1
Fines <0.063mm	65.8

Grading Analysis		
D100	mm	
D60	mm	0.0246
D30	mm	
D10	mm	
Uniformity Coefficient		
Curvature Coefficient		

Remarks

Preparation and testing in accordance with BS1377 unless noted below

K4 Soils Laboratory

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Tel: 01923 711288

Checked and Approved

Initials: J.P

Date: 15/06/2022

Sulphate Content (Gravimetric Method) for 2:1 Soil: Water Extract and pH Value - Summary of Results

Tested in accordance with BS1377 : Part 3 : 2018, Clause 7.6 & Clause 12

Job No.	Project Name	Programme	
31900	Northwest Southwater	Samples received	19/05/2022
		Schedule received	20/05/2022
Project No.	Client	Project started	20/05/2022
GE20620 GI	GESL	Testing Started	13/06/2022

Hole No.	Sample Ref	Top m	Base m	Type	Soil description	Dry Mass passing 2mm %	SO4 Content mg/l	pH	Remarks
HP31	2	0.50	-	D	Orangish brown, brown and bluish grey slightly sandy silty CLAY	100	200	7.61	
WS03	3	2.00	-	D	Orangish brown and bluish grey slightly sandy silty CLAY	100	170	7.50	
WS07	3	1.00	-	D	Brown and light brown mottled sandy silty CLAY with rare black ironstained sandy and fine gravel and medium to cobble sized sandstone gravel	77	170	7.42	
WS13	3	2.50	-	D	Greyish green and orangish brown sandy silty CLAY	100	130	7.53	
WS20	5	1.50	-	D	Greenish grey, orangish brown and bluish grey slightly sandy silty CLAY	100	270	7.52	

Test Report by K4 SOILS LABORATORY
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These results only apply to the items tested

Checked and Approved

Initials **J.P**

Date: **15/06/2022**

Geo-Environmental

APPENDIX D

Geochemical Laboratory Test Results and Waste Assessment

NB/Locations HP07, HP10-11, HP15, HP24, HP28, HP30-31 & WS15 now fall outside the proposed site boundary.

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Windmill Road
Ponswood Industrial Estate
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TN38 9BY
Telephone: (01424) 718618

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THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number:	22-40573
Issue:	Preliminary Report
Date of Issue:	20/05/2022
Contact:	Veronica Bennett
Customer Details:	GESL Unit 7 Danworth Farm Hurstpierpoint West SussexBN6 9GL
Quotation No:	Q22-02720
Order No:	5302
Customer Reference:	GE20620
Date Received:	13/05/2022
Date Approved:	Not Approved
Details:	Nothwest Southwater
Approved by:	

Sample Summary

Report No.: 22-40573, issue number 0

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
278995	HP04 0.20	12/05/2022	13/05/2022	Silty loam	
278996	HP10 0.20	12/05/2022	13/05/2022	Silty loam	
278997	HP11 0.20	12/05/2022	13/05/2022	Silty loam	
278998	HP14 0.20	12/05/2022	13/05/2022	Silty loam	
278999	HP15 0.20	12/05/2022	13/05/2022	Silty loam	
279000	HP17 0.20	12/05/2022	13/05/2022	Silty loam	
279001	HP19 0.20	12/05/2022	13/05/2022	Silty loam	
279002	HP20 0.20	12/05/2022	13/05/2022	Silty loam	
279003	HP21 0.30	11/05/2022	13/05/2022		
279004	HP22 0.30	11/05/2022	13/05/2022		
279005	HP23 0.30	11/05/2022	13/05/2022		
279006	HP24 0.10	11/05/2022	13/05/2022	Silty loam	
279007	HP25 0.30	11/05/2022	13/05/2022		
279008	HP26 0.10	11/05/2022	13/05/2022	Silty loam	
279009	HP26 0.30	11/05/2022	13/05/2022		
279010	HP27 0.10	10/05/2022	13/05/2022	Silty loam	
279011	HP28 0.20	10/05/2022	13/05/2022	Silty loam	
279012	HP29 0.10	11/05/2022	13/05/2022	Silty loam	
279013	HP30 0.00	10/05/2022	13/05/2022	Silty loam	
279014	HP31 0.10	10/05/2022	13/05/2022	Silty loam	
279015	HP33 0.30	10/05/2022	13/05/2022		
279016	WS02 0.10	12/05/2022	13/05/2022	Silty loam	
279017	WS02 0.50	12/05/2022	13/05/2022	Silty loam	
279018	WS03 0.10	12/05/2022	13/05/2022	Silty loam	
279019	WS03 0.40	12/05/2022	13/05/2022	Silty loam	
279020	WS03 1.30	12/05/2022	13/05/2022	Silty loam	
279021	WS04 0.10	12/05/2022	13/05/2022	Silty loam	
279022	WS04 0.50	12/05/2022	13/05/2022		
279023	WS05 0.10	12/05/2022	13/05/2022	Silty loam	
279024	WS05 0.30	12/05/2022	13/05/2022		
279025	WS06 0.10	12/05/2022	13/05/2022	Silty loam	
279026	WS06 0.40	12/05/2022	13/05/2022		
279027	WS07 0.10	12/05/2022	13/05/2022	Silty loam + Chalk	
279028	WS07 0.40	12/05/2022	13/05/2022		
279029	WS08 0.10	11/05/2022	13/05/2022	Silty loam	
279030	WS08 0.40	11/05/2022	13/05/2022		
279031	WS09 0.10	11/05/2022	13/05/2022	Silty loam	
279032	WS09 0.40	11/05/2022	13/05/2022		
279033	WS10 1.00	11/05/2022	13/05/2022	Silty loam	
279034	WS10 0.40	11/05/2022	13/05/2022		
279035	WS11 0.10	11/05/2022	13/05/2022	Silty loam	
279036	WS11 0.40	11/05/2022	13/05/2022		
279037	WS12 0.10	11/05/2022	13/05/2022	Silty loam	
279038	WS12 0.50	11/05/2022	13/05/2022		
279039	WS13 0.10	11/05/2022	13/05/2022	Silty loam	
279040	WS13 0.40	11/05/2022	13/05/2022		
279041	WS14 0.10	11/05/2022	13/05/2022	Silty loam	
279042	WS14 0.40	11/05/2022	13/05/2022		
279043	WS15 0.10	10/05/2022	13/05/2022	Silty loam	
279044	WS15 0.50	10/05/2022	13/05/2022		
279045	WS15 1.40	10/05/2022	13/05/2022		
279046	WS16 0.10	10/05/2022	13/05/2022	Silty loam	
279047	WS16 0.40	10/05/2022	13/05/2022		
279048	WS18 0.10	10/05/2022	13/05/2022	Silty loam	
279049	WS18 0.50	10/05/2022	13/05/2022	Silty loam	
279050	WS19 0.10	10/05/2022	13/05/2022	Silty loam	
279051	WS19 0.40	10/05/2022	13/05/2022	Silty loam	
279052	WS19 0.60	10/05/2022	13/05/2022	Silty clayey loam	
279053	WS20 0.20	10/05/2022	13/05/2022	Silty loam	
279054	WS20 0.60	10/05/2022	13/05/2022	Silty loam	
279055	HP34 0.20	10/05/2022	13/05/2022		
279056	WS18 0.70	10/05/2022	13/05/2022		

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	278995	278996	278997	278998	278999	279000	279001	279002	279006
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP04	HP10	HP11	HP14	HP15	HP17	HP19	HP20	HP24
				Sample Depth (m)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
				Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Soil sample preparation parameters													
Moisture Content	N	%	0.1		12.4	9.8	9.7	8.5	9.5	9.2	12.3	10.4	7.1
Material removed	N	%	0.1		8.7	< 0.1	8.6	13.0	8.8	9.7	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0		Stones	None	Stones	Stones	Stones	Stones	None	None	None
Metals													
Arsenic	M	mg/kg	1		^ 13.6	n/t	^ 13.1	n/t	^ 11.7	n/t	^ 10.4	n/t	^ 9.8
Beryllium	U	mg/kg	1		< 1.0	n/t	< 1.0	n/t	< 1.0	n/t	< 1.0	n/t	< 1.0
Cadmium	M	mg/kg	0.5		^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5
Chromium	M	mg/kg	5		^ 24.0	n/t	^ 17.1	n/t	^ 22.9	n/t	^ 21.2	n/t	^ 19.5
Copper	M	mg/kg	5		^ 20.8	^ 12.0	^ 17.5	^ 15.2	^ 15.3	^ 10.0	^ 17.1	^ 10.1	^ 10.9
Lead	M	mg/kg	5		^ 36.3	n/t	^ 26.0	n/t	^ 33.5	n/t	^ 28.2	n/t	^ 20.3
Mercury	M	mg/kg	0.5		^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5
Nickel	M	mg/kg	5		^ 17.2	^ 9.4	^ 13.3	^ 11.7	^ 17.1	^ 9.1	^ 14.8	^ 9.1	^ 10.8
Selenium	M	mg/kg	1		^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
Vanadium	M	mg/kg	5		^ 34.5	n/t	^ 23.4	n/t	^ 29.3	n/t	^ 27.8	n/t	^ 23.6
Zinc	M	mg/kg	5		^ 61.2	^ 51.5	^ 57.1	^ 59.4	^ 72.0	^ 49.8	^ 65.8	^ 46.6	^ 53.1
Anions													
Water Soluble Chloride	M	mg/kg	40		^ 65	n/t	^ 59	n/t	^ 58	n/t	^ 46	n/t	^ 49
Water Soluble Sulphate	M	g/l	0.02		^ 0.06	n/t	^ 0.02	n/t	^ 0.02	n/t	^ < 0.02	n/t	^ < 0.02

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	278995	278996	278997	278998	278999	279000	279001	279002	279006
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP04	HP10	HP11	HP14	HP15	HP17	HP19	HP20	HP24
				Sample Depth (m)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
				Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Inorganics													
Carbonate	N	%	0.1		0.5	3.5	1.6	2.1	2.9	3.2	1.1	3.4	2.4
Elemental Sulphur	M	mg/kg	20		^ < 20	n/t	^ < 20	n/t	^ < 20	n/t	^ < 20	n/t	^ < 20
Hexavalent Chromium	N	mg/kg	0.8		< 0.8	n/t	< 0.8	n/t	< 0.8	n/t	< 0.8	n/t	< 0.8
Total Sulphide	N	mg/kg	2		< 2	n/t	< 2	n/t	< 2	n/t	< 2	n/t	< 2
Total Cyanide	M	mg/kg	1		^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02		0.04	n/t	0.03	n/t	0.03	n/t	0.03	n/t	0.04
Water Soluble Boron	N	mg/kg	0.5		0.9	n/t	1.7	n/t	< 0.5	n/t	0.9	n/t	0.6
Miscellaneous													
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50		1840	1740	1710	1750	1780	1750	1680	1770	1760
Carbon Nitrogen Ratio	N	ratio	0.1		23.2934	29.2155	24.6586	77.3837			232.9714	68.5929	139.8086
Loss on Ignition	M	%	0.01		^ 7.87	^ 8.46	^ 5.65	^ 6.54	^ 6.09	^ 4.88	^ 8.44	^ 4.97	^ 8.44
pH	M	pH units	0.1		^ 7.9	^ 7.4	^ 7.2	^ 6.4	^ 6.7	^ 7.0	^ 6.7	^ 7.2	^ 6.9
Density	N	g/ml	0		1.23	1.15	1.16	1.16	1.20	1.23	1.19	1.21	1.14
Total Carbon	N	%	0.01		4.6	4.9	3.3	3.8	3.5	2.8	4.9	2.9	4.9
Total Organic Carbon	N	%	0.01		1.7	n/t	1.2	n/t	1.3	n/t	2.1	n/t	1.9
Total Nitrogen	N	%	0.01		0.20	0.17	0.13	0.05	< 0.01	< 0.01	0.02	0.04	0.04
Extractable Potassium	N	mg/l	20		145	335	77	176	181	128	182	166	77
Extractable Magnesium	N	mg/l	20		121	146	80	108	171	59	150	68	118
Extractable Phosphate	N	mg/l	1		49	74	44	95	67	68	93	94	59
Sand content	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Silt content	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Clay content	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 2mm	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 20mm	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 50mm	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Total Visible Contaminants	N	%	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Plastics	N	%	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Sharps	N	n/kg	0		0	0	0	0	0	0	0	0	0

Results Summary

Report No.: 22-40573, issue number 0

			ELAB Reference	278995	278996	278997	278998	278999	279000	279001	279002	279006
			Customer Reference									
			Sample ID									
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Location	HP04	HP10	HP11	HP14	HP15	HP17	HP19	HP20	HP24
			Sample Depth (m)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
			Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**									
Phenols												
Total Phenols	N	mg/kg	6	< 6	n/t	< 6	n/t	< 6	n/t	< 6	n/t	< 6
Polyaromatic hydrocarbons												
Naphthalene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Acenaphthylene	M	mg/kg	0.1	^ < 0.1	n/t	^ 0.2	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Acenaphthene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Fluorene	M	mg/kg	0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Phenanthrene	M	mg/kg	0.1	^ < 0.1	n/t	^ 1.0	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Anthracene	M	mg/kg	0.1	^ < 0.1	n/t	^ 0.3	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Fluoranthene	M	mg/kg	0.1	^ 0.3	n/t	^ 3.0	n/t	^ < 0.1	n/t	^ 0.2	n/t	^ 0.2
Pyrene	M	mg/kg	0.1	^ 0.2	n/t	^ 2.5	n/t	^ < 0.1	n/t	^ 0.1	n/t	^ 0.1
Benzo(a)anthracene	M	mg/kg	0.1	^ < 0.1	n/t	^ 1.4	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Chrysene	M	mg/kg	0.1	^ 0.1	n/t	^ 1.7	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	^ 0.1	n/t	^ 1.8	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	^ 0.1	n/t	^ 2.1	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Benzo(a)pyrene	M	mg/kg	0.1	^ 0.1	n/t	^ 1.9	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	^ 0.1	n/t	^ 1.3	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	^ < 0.1	n/t	^ 0.2	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	^ 0.1	n/t	^ 1.2	n/t	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1
Total PAH(16)	M	mg/kg	0.4	^ 1.5	n/t	^ 18.6	n/t	^ < 0.4	n/t	^ 0.5	n/t	^ 0.4

Results Summary

Report No.: 22-40573, issue number 0

ELAB Reference				278995	278996	278997	278998	278999	279000	279001	279002	279006
Customer Reference												
Sample ID												
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				HP04	HP10	HP11	HP14	HP15	HP17	HP19	HP20	HP24
Sample Depth (m)				0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
Sampling Date				12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**									
BTEX												
Benzene	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0
Toluene	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0
Ethylbenzene	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0
Xylenes	M	ug/kg	10	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0
MTBE	U	ug/kg	10	< 10.0	n/t	< 10.0	n/t	< 10.0	n/t	< 10.0	n/t	< 10.0
TPH CWG												
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0	n/t	< 1.0	n/t	< 1.0
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	n/t	^ 1.1	n/t	^ 3.5	n/t	^ < 1.0	n/t	^ 3.7
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	n/t	1.3	n/t	4.2	n/t	< 1.0	n/t	3.7
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01	n/t	< 0.01
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	n/t	< 1.0	n/t	< 1.0	n/t	< 1.0	n/t	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1	^ 3.2	n/t	^ 6.3	n/t	^ 1.6	n/t	^ < 1.0	n/t	^ 1.5
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	3.7	n/t	8.0	n/t	2.5	n/t	< 1.0	n/t	2.5
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1	4.3	n/t	9.3	n/t	6.7	n/t	< 1.0	n/t	6.2

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	278995	278996	278997	278998	278999	279000	279001	279002	279006
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP04	HP10	HP11	HP14	HP15	HP17	HP19	HP20	HP24
				Sample Depth (m)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.10
				Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**										
OrganoChlorine Pesticides													
alpha-HCH	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
beta_HCH	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
gamma-HCH	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
delta-HCH	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
Heptachlor	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
Aldrin	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
Heptachlor expoxide	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
trans-Chlordane	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
alpha cis-Chlordane	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
p,p-DDE	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
Dieldrin	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
Endrin	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
p,p-DDD	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
Endosulfan II	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
Endrin aldehyde	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
p,p-DDT	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
Endosulphan sulphate	M	ug/kg	10		^ < 10	^ < 10	n/t	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10
Methoxychlor	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10
Endrin ketone	N	ug/kg	10		< 10	< 10	n/t	n/t	< 10	n/t	< 10	< 10	< 10

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279008	279010	279011	279012	279013	279014	279016	279017
				Customer Reference								
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP26	HP27	HP28	HP29	HP30	HP31	WS02	WS02
				Sample Depth (m)	0.10	0.10	0.20	0.10	0.00	0.10	0.10	0.50
				Sampling Date	11/05/2022	10/05/2022	10/05/2022	11/05/2022	10/05/2022	10/05/2022	12/05/2022	12/05/2022
Determinand	**Codes**	**Units**	**LOD**									
Soil sample preparation parameters												
Moisture Content	N	%	0.1		10.8	9.6	8.3	8.7	8.4	11.3	7.5	8.3
Material removed	N	%	0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	10.0	< 0.1	10.0
Description of Inert material removed	N		0		None	None	None	None	None	Stones/Wood	None	Stones/Brick
Metals												
Arsenic	M	mg/kg	1		^ 8.2	^ 4.6	n/t	^ 23.7	n/t	^ 18.2	^ 10.9	^ 8.9
Beryllium	U	mg/kg	1		< 1.0	< 1.0	n/t	1.0	n/t	< 1.0	< 1.0	< 1.0
Cadmium	M	mg/kg	0.5		^ < 0.5	^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5	^ < 0.5	^ < 0.5
Chromium	M	mg/kg	5		^ 20.4	^ 11.1	n/t	^ 33.2	n/t	^ 31.2	^ 23.0	^ 25.2
Copper	M	mg/kg	5		^ 13.1	^ 8.2	^ 10.8	^ 23.5	^ 12.8	^ 23.0	^ 13.5	^ 19.9
Lead	M	mg/kg	5		^ 22.5	^ 14.4	n/t	^ 37.8	n/t	^ 34.2	^ 21.2	^ 30.8
Mercury	M	mg/kg	0.5		^ < 0.5	^ < 0.5	n/t	^ < 0.5	n/t	^ < 0.5	^ < 0.5	^ < 0.5
Nickel	M	mg/kg	5		^ 12.4	^ 7.3	^ 9.7	^ 16.6	^ 11.1	^ 17.4	^ 14.7	^ 26.3
Selenium	M	mg/kg	1		^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
Vanadium	M	mg/kg	5		^ 28.6	^ 15.3	n/t	^ 43.1	n/t	^ 36.7	^ 33.7	^ 31.3
Zinc	M	mg/kg	5		^ 57.2	^ 33.2	^ 45.6	^ 83.1	^ 52.1	^ 66.5	^ 54.3	^ 67.8
Anions												
Water Soluble Chloride	M	mg/kg	40		^ 44	^ < 40	n/t	^ < 40	n/t	^ 92	^ < 40	^ < 40
Water Soluble Sulphate	M	g/l	0.02		^ 0.02	^ < 0.02	n/t	^ 0.02	n/t	^ 0.03	^ < 0.02	^ 0.03

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279008	279010	279011	279012	279013	279014	279016	279017
				Customer Reference								
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP26	HP27	HP28	HP29	HP30	HP31	WS02	WS02
				Sample Depth (m)	0.10	0.10	0.20	0.10	0.00	0.10	0.10	0.50
				Sampling Date	11/05/2022	10/05/2022	10/05/2022	11/05/2022	10/05/2022	10/05/2022	12/05/2022	12/05/2022
Determinand	**Codes**	**Units**	**LOD**									
Inorganics												
Carbonate	N	%	0.1		1.8	2.7	< 0.1	3.5	1.3	2.7	n/t	n/t
Elemental Sulphur	M	mg/kg	20		^ < 20	^ < 20	n/t	^ < 20	n/t	^ < 20	^ < 20	^ < 20
Hexavalent Chromium	N	mg/kg	0.8		< 0.8	< 0.8	n/t	< 0.8	n/t	< 0.8	< 0.8	< 0.8
Total Sulphide	N	mg/kg	2		< 2	< 2	n/t	< 2	n/t	< 2	< 2	< 2
Total Cyanide	M	mg/kg	1		^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02		0.04	0.03	n/t	0.03	n/t	0.04	0.03	0.02
Water Soluble Boron	N	mg/kg	0.5		0.7	< 0.5	n/t	< 0.5	n/t	< 0.5	< 0.5	< 0.5
Miscellaneous												
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50		1740	1820	1810	1890	1660	1900	n/t	n/t
Carbon Nitrogen Ratio	N	ratio	0.1		51.6286	231.6667	22.9342	45.0067	21.1661	13.9336	n/t	n/t
Loss on Ignition	M	%	0.01		^ 9.97	^ 8.39	^ 7.75	^ 8.15	^ 8.94	^ 6.22	n/t	n/t
pH	M	pH units	0.1		^ 6.4	^ 6.3	^ 6.2	^ 5.0	^ 5.6	^ 6.5	^ 6.3	^ 6.7
Density	N	g/ml	0		1.14	1.24	1.24	1.14	1.16	1.18	n/t	n/t
Total Carbon	N	%	0.01		5.8	4.9	4.5	4.7	5.2	3.6	n/t	n/t
Total Organic Carbon	N	%	0.01		2.7	1.5	n/t	1.1	n/t	2.1	1.1	0.34
Total Nitrogen	N	%	0.01		0.11	0.02	0.20	0.11	0.25	0.26	n/t	n/t
Extractable Potassium	N	mg/l	20		103	45	54	133	84	425	n/t	n/t
Extractable Magnesium	N	mg/l	20		154	68	119	59	110	210	n/t	n/t
Extractable Phosphate	N	mg/l	1		75	41	66	36	53	58	n/t	n/t
Sand content	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	n/t	n/t
Silt content	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	n/t	n/t
Clay content	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	n/t	n/t
Stones > 2mm	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	n/t	n/t
Stones > 20mm	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	n/t	n/t
Stones > 50mm	NS	%	1		to follow	to follow	to follow	to follow	to follow	to follow	n/t	n/t
Total Visible Contaminants	N	%	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	n/t	n/t
Plastics	N	%	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	n/t	n/t
Sharps	N	n/kg	0		0	0	0	0	0	0	n/t	n/t

Tests marked N are not UKAS accredited.

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279008	279010	279011	279012	279013	279014	279016	279017
				Customer Reference								
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP26	HP27	HP28	HP29	HP30	HP31	WS02	WS02
				Sample Depth (m)	0.10	0.10	0.20	0.10	0.00	0.10	0.10	0.50
				Sampling Date	11/05/2022	10/05/2022	10/05/2022	11/05/2022	10/05/2022	10/05/2022	12/05/2022	12/05/2022
Determinand	**Codes**	**Units**	**LOD**									
Phenols												
Total Phenols	N	mg/kg	6		< 6	< 6	n/t	< 6	n/t	< 6	< 6	< 6
Polyaromatic hydrocarbons												
Naphthalene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthylene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Fluorene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Phenanthrene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Anthracene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Fluoranthene	M	mg/kg	0.1		^ 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Pyrene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Benzo(a)anthracene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Chrysene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Benzo(a)pyrene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	n/t	^ < 0.1	n/t	^ < 0.1	^ < 0.1	^ < 0.1
Total PAH(16)	M	mg/kg	0.4		^ < 0.4	^ < 0.4	n/t	^ < 0.4	n/t	^ < 0.4	^ < 0.4	^ < 0.4

Results Summary

Report No.: 22-40573, issue number 0

ELAB Reference				279008	279010	279011	279012	279013	279014	279016	279017
Customer Reference											
Sample ID											
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				HP26	HP27	HP28	HP29	HP30	HP31	WS02	WS02
Sample Depth (m)				0.10	0.10	0.20	0.10	0.00	0.10	0.10	0.50
Sampling Date				11/05/2022	10/05/2022	10/05/2022	11/05/2022	10/05/2022	10/05/2022	12/05/2022	12/05/2022
Determinand	**Codes**	**Units**	**LOD**								
BTEX											
Benzene	M	ug/kg	10	^ < 10.0	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	^ < 10.0	^ < 10.0
Toluene	M	ug/kg	10	^ < 10.0	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	^ < 10.0	^ < 10.0
Ethylbenzene	M	ug/kg	10	^ < 10.0	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	^ < 10.0	^ < 10.0
Xylenes	M	ug/kg	10	^ < 10.0	^ < 10.0	n/t	^ < 10.0	n/t	^ < 10.0	^ < 10.0	^ < 10.0
MTBE	U	ug/kg	10	< 10.0	< 10.0	n/t	< 10.0	n/t	< 10.0	< 10.0	< 10.0
TPH CWG											
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	< 0.01	< 0.01
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	< 0.01	< 0.01
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	n/t	< 1.0	< 1.0	< 1.0
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ 6.4	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	7.0	< 1.0	n/t	< 1.0	n/t	< 1.0	< 1.0	< 1.0
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	< 0.01	< 0.01
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	< 0.01	n/t	< 0.01	< 0.01	< 0.01
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	< 1.0	n/t	< 1.0	n/t	< 1.0	< 1.0	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1	^ 2.9	^ < 1.0	n/t	^ < 1.0	n/t	^ 1.5	^ < 1.0	^ < 1.0
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	n/t	^ < 1.0	n/t	^ < 1.0	^ < 1.0	^ < 1.0
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	4.5	< 1.0	n/t	< 1.0	n/t	2.0	< 1.0	< 1.0
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1	11.6	< 1.0	n/t	< 1.0	n/t	3.0	< 1.0	< 1.0

Results Summary

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				ELAB Reference	279008	279010	279011	279012	279013	279014	279016	279017
				Customer Reference								
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP26	HP27	HP28	HP29	HP30	HP31	WS02	WS02
				Sample Depth (m)	0.10	0.10	0.20	0.10	0.00	0.10	0.10	0.50
				Sampling Date	11/05/2022	10/05/2022	10/05/2022	11/05/2022	10/05/2022	10/05/2022	12/05/2022	12/05/2022
Determinand	**Codes**	**Units**	**LOD**									
OrganoChlorine Pesticides												
alpha-HCH	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
beta_HCH	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
gamma-HCH	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
delta-HCH	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
Heptachlor	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
Aldrin	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
Heptachlor expoxide	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
trans-Chlordane	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
alpha cis-Chlordane	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
p,p-DDE	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
Dieldrin	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
Endrin	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
p,p-DDD	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
Endosulfan II	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
Endrin aldehyde	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
p,p-DDT	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
Endosulphan sulphate	M	ug/kg	10	n/t	^ < 10	n/t	^ < 10	^ < 10	^ < 10	n/t	n/t
Methoxychlor	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t
Endrin ketone	N	ug/kg	10	n/t	< 10	n/t	< 10	< 10	< 10	n/t	n/t

Results Summary

Report No.: 22-40573, issue number 0

			ELAB Reference	279018	279019	279020	279021	279023	279025	279027	279029
			Customer Reference								
			Sample ID								
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Location	WS03	WS03	WS03	WS04	WS05	WS06	WS07	WS08
			Sample Depth (m)	0.10	0.40	1.30	0.10	0.10	0.10	0.10	0.10
			Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**								
Soil sample preparation parameters											
Moisture Content	N	%	0.1	9.7	8.9	11.8	4.2	10.0	9.3	10.7	8.1
Material removed	N	%	0.1	11.8	< 0.1	11.3	15.6	18.8	7.4	10.5	6.7
Description of Inert material removed	N		0	Stones/Brick/Clinker	None	Stones	Stones/Brick/Clinker	Stones/Wood	Stones	Stones	Stones
Metals											
Arsenic	M	mg/kg	1	^ 10.3	^ 5.7	^ 10.1	^ 11.8	^ 15.4	^ 2.8	^ 3.6	^ 10.9
Beryllium	U	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cadmium	M	mg/kg	0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5
Chromium	M	mg/kg	5	^ 21.7	^ 19.9	^ 21.4	^ 22.3	^ 21.6	^ 6.4	^ 7.4	^ 17.8
Copper	M	mg/kg	5	^ 12.6	^ 17.2	^ 10.3	^ 21.2	^ 23.2	^ 5.5	^ 6.1	^ 16.8
Lead	M	mg/kg	5	^ 21.5	^ 77.0	^ 17.9	^ 89.8	^ 35.0	^ 12.1	^ 12.2	^ 39.7
Mercury	M	mg/kg	0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5
Nickel	M	mg/kg	5	^ 14.6	^ 17.2	^ 13.1	^ 19.1	^ 23.4	^ 5.3	^ 5.7	^ 13.1
Selenium	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
Vanadium	M	mg/kg	5	^ 32.6	^ 22.8	^ 30.7	^ 30.9	^ 23.9	^ 6.8	^ 9.2	^ 23.7
Zinc	M	mg/kg	5	^ 51.9	^ 67.2	^ 61.7	^ 146	^ 147	^ 29.3	^ 29.3	^ 60.2
Anions											
Water Soluble Chloride	M	mg/kg	40	^ < 40	^ < 40	^ < 40	^ 58	^ 57	^ 50	^ 56	^ 46
Water Soluble Sulphate	M	g/l	0.02	^ < 0.02	^ 0.02	^ < 0.02	^ 0.03	^ 0.07	^ 0.04	^ 0.03	^ < 0.02

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279018	279019	279020	279021	279023	279025	279027	279029
				Customer Reference								
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS03	WS03	WS03	WS04	WS05	WS06	WS07	WS08
				Sample Depth (m)	0.10	0.40	1.30	0.10	0.10	0.10	0.10	0.10
				Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**									
Inorganics												
Carbonate	N	%	0.1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Elemental Sulphur	M	mg/kg	20		^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20
Hexavalent Chromium	N	mg/kg	0.8		< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Total Sulphide	N	mg/kg	2		< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Total Cyanide	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02		0.03	< 0.02	0.02	0.07	0.06	0.05	0.05	0.04
Water Soluble Boron	N	mg/kg	0.5		< 0.5	1.4	1.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Miscellaneous												
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbon Nitrogen Ratio	N	ratio	0.1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Loss on Ignition	M	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
pH	M	pH units	0.1		^ 6.3	^ 6.8	^ 7.3	^ 7.4	^ 7.6	^ 8.2	^ 8.2	^ 7.6
Density	N	g/ml	0		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Carbon	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Organic Carbon	N	%	0.01		1.6	0.35	0.38	3.1	2.7	0.42	0.51	2.2
Total Nitrogen	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Extractable Potassium	N	mg/l	20		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Extractable Magnesium	N	mg/l	20		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Extractable Phosphate	N	mg/l	1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Sand content	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Silt content	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Clay content	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Stones > 2mm	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Stones > 20mm	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Stones > 50mm	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Visible Contaminants	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Plastics	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Sharps	N	n/kg	0		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279018	279019	279020	279021	279023	279025	279027	279029
				Customer Reference								
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS03	WS03	WS03	WS04	WS05	WS06	WS07	WS08
				Sample Depth (m)	0.10	0.40	1.30	0.10	0.10	0.10	0.10	0.10
				Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**									
Phenols												
Total Phenols	N	mg/kg	6		< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
Polyaromatic hydrocarbons												
Naphthalene	M	mg/kg	0.1		^ 0.8	^ 0.5	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthylene	M	mg/kg	0.1		^ 0.8	^ 0.5	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthene	M	mg/kg	0.1		^ 0.9	^ 0.4	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Fluorene	M	mg/kg	0.1		^ 0.9	^ 0.4	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Phenanthrene	M	mg/kg	0.1		^ 0.9	^ 0.4	^ < 0.1	^ 0.2	^ < 0.1	^ < 0.1	^ 0.9	^ 0.6
Anthracene	M	mg/kg	0.1		^ 0.8	^ 0.4	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.2	^ 0.2
Fluoranthene	M	mg/kg	0.1		^ 1.1	^ 0.5	^ < 0.1	^ 0.6	^ 0.2	^ 0.2	^ 2.4	^ 1.5
Pyrene	M	mg/kg	0.1		^ 0.9	^ 0.5	^ < 0.1	^ 0.5	^ 0.1	^ < 0.1	^ 1.8	^ 1.1
Benzo(a)anthracene	M	mg/kg	0.1		^ 0.8	^ 0.4	^ < 0.1	^ 0.3	^ < 0.1	^ < 0.1	^ 1.1	^ 0.6
Chrysene	M	mg/kg	0.1		^ 0.8	^ 0.4	^ < 0.1	^ 0.4	^ < 0.1	^ 0.1	^ 1.3	^ 0.7
Benzo(b)fluoranthene	M	mg/kg	0.1		^ 0.9	^ 0.4	^ < 0.1	^ 0.7	^ < 0.1	^ < 0.1	^ 1.1	^ 0.6
Benzo(k)fluoranthene	M	mg/kg	0.1		^ 0.9	^ 0.5	^ < 0.1	^ 0.7	^ < 0.1	^ < 0.1	^ 1.2	^ 0.7
Benzo(a)pyrene	M	mg/kg	0.1		^ 0.9	^ 0.5	^ < 0.1	^ 0.5	^ < 0.1	^ < 0.1	^ 1.2	^ 0.6
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1		^ 0.9	^ 0.4	^ < 0.1	^ 0.5	^ < 0.1	^ < 0.1	^ 0.8	^ 0.4
Dibenzo(a,h)anthracene	M	mg/kg	0.1		^ 0.7	^ 0.3	^ < 0.1	^ 0.2	^ < 0.1	^ < 0.1	^ 0.2	^ 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1		^ 1.0	^ 0.4	^ < 0.1	^ 0.5	^ < 0.1	^ < 0.1	^ 0.8	^ 0.5
Total PAH(16)	M	mg/kg	0.4		^ 14.0	^ 7.0	^ < 0.4	^ 5.3	^ 0.4	^ 0.9	^ 13.0	^ 7.8

Results Summary

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ELAB Reference				279018	279019	279020	279021	279023	279025	279027	279029
Customer Reference											
Sample ID											
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				WS03	WS03	WS03	WS04	WS05	WS06	WS07	WS08
Sample Depth (m)				0.10	0.40	1.30	0.10	0.10	0.10	0.10	0.10
Sampling Date				12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**								
BTEX											
Benzene	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Toluene	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Ethylbenzene	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Xylenes	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
MTBE	U	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
TPH CWG											
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ 26.7	^ 5.5	^ 2.1	^ 2.2	^ 5.5
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ 1.6	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	30.5	6.3	2.3	2.9	6.0
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ 1.1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ 2.9	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ 23.5	^ 2.9	^ < 1.0	^ 2.7	^ 1.1
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ 5.7	^ 1.1	^ < 1.0	^ < 1.0	^ < 1.0
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	34.1	5.1	< 1.0	4.1	2.5
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	64.6	11.4	2.7	7.0	8.5

Results Summary

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				ELAB Reference	279018	279019	279020	279021	279023	279025	279027	279029
				Customer Reference								
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS03	WS03	WS03	WS04	WS05	WS06	WS07	WS08
				Sample Depth (m)	0.10	0.40	1.30	0.10	0.10	0.10	0.10	0.10
				Sampling Date	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	12/05/2022	11/05/2022
Determinand	**Codes**	**Units**	**LOD**									
OrganoChlorine Pesticides												
alpha-HCH	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
beta_HCH	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
gamma-HCH	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
delta-HCH	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Aldrin	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor expoxide	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
trans-Chlordane	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
alpha cis-Chlordane	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDE	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Dieldrin	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDD	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endosulfan II	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin aldehyde	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDT	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endosulphan sulphate	M	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Methoxychlor	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin ketone	N	ug/kg	10		n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279031	279033	279035	279037	279039	279041	279043	279046	279048
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS09	WS10	WS11	WS12	WS13	WS14	WS15	WS16	WS18
				Sample Depth (m)	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
				Sampling Date	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Soil sample preparation parameters													
Moisture Content	N	%	0.1		8.0	8.7	9.9	8.6	9.8	9.5	8.6	9.1	8.5
Material removed	N	%	0.1		10.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	14.5	11.7	14.9
Description of Inert material removed	N		0		Stones	None	None	None	None	None	Stones	Stones/Wood	Stones/Clinker
Metals													
Arsenic	M	mg/kg	1		^ 12.1	^ 12.3	^ 10.5	^ 12.5	^ 9.1	^ 9.5	^ 12.5	^ 11.1	^ 10.6
Beryllium	U	mg/kg	1		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Cadmium	M	mg/kg	0.5		^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5
Chromium	M	mg/kg	5		^ 18.9	^ 23.2	^ 21.2	^ 20.2	^ 18.1	^ 22.2	^ 18.5	^ 22.4	^ 20.6
Copper	M	mg/kg	5		^ 15.5	^ 18.7	^ 15.9	^ 15.8	^ 12.8	^ 14.6	^ 20.5	^ 20.4	^ 30.3
Lead	M	mg/kg	5		^ 23.3	^ 30.2	^ 26.9	^ 27.2	^ 26.2	^ 26.0	^ 38.1	^ 37.6	^ 133
Mercury	M	mg/kg	0.5		^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5
Nickel	M	mg/kg	5		^ 14.8	^ 15.2	^ 12.2	^ 13.9	^ 10.7	^ 14.1	^ 19.7	^ 19.9	^ 16.8
Selenium	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
Vanadium	M	mg/kg	5		^ 25.6	^ 33.4	^ 31.1	^ 28.4	^ 27.4	^ 31.6	^ 23.5	^ 40.3	^ 29.8
Zinc	M	mg/kg	5		^ 57.2	^ 69.3	^ 63.8	^ 67.0	^ 42.8	^ 61.2	^ 78.4	^ 69.9	^ 117
Anions													
Water Soluble Chloride	M	mg/kg	40		^ 41	^ < 40	^ < 40	^ < 40	^ < 40	^ < 40	^ < 40	^ 41	^ 45
Water Soluble Sulphate	M	g/l	0.02		^ < 0.02	^ < 0.02	^ < 0.02	^ 0.02	^ < 0.02	^ 0.02	^ < 0.02	^ < 0.02	^ 0.03

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279031	279033	279035	279037	279039	279041	279043	279046	279048
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS09	WS10	WS11	WS12	WS13	WS14	WS15	WS16	WS18
				Sample Depth (m)	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
				Sampling Date	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Inorganics													
Carbonate	N	%	0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Elemental Sulphur	M	mg/kg	20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Total Sulphide	N	mg/kg	2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Total Cyanide	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02	0.05	0.04	0.04	0.04	0.04	0.05	0.03	0.04	0.05	
Water Soluble Boron	N	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	
Miscellaneous													
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Carbon Nitrogen Ratio	N	ratio	0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Loss on Ignition	M	%	0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
pH	M	pH units	0.1	^ 7.5	^ 7.5	^ 7.2	^ 6.9	^ 6.9	^ 6.4	^ 7.1	^ 7.0	^ 7.4	
Density	N	g/ml	0	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Carbon	N	%	0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Organic Carbon	N	%	0.01	2.1	1.8	1.7	2.4	2.1	3.3	1.5	2.4	3.9	
Total Nitrogen	N	%	0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Extractable Potassium	N	mg/l	20	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Extractable Magnesium	N	mg/l	20	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Extractable Phosphate	N	mg/l	1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Sand content	NS	%	1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Silt content	NS	%	1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Clay content	NS	%	1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Stones > 2mm	NS	%	1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Stones > 20mm	NS	%	1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Stones > 50mm	NS	%	1	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Visible Contaminants	N	%	0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Plastics	N	%	0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Sharps	N	n/kg	0	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279031	279033	279035	279037	279039	279041	279043	279046	279048
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS09	WS10	WS11	WS12	WS13	WS14	WS15	WS16	WS18
				Sample Depth (m)	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
				Sampling Date	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Phenols													
Total Phenols	N	mg/kg	6		< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6	< 6
Polyaromatic hydrocarbons													
Naphthalene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.5	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthylene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.6	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.5	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Fluorene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.6	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Phenanthrene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.6	^ < 0.1	^ < 0.1	^ 0.3	^ 0.3
Anthracene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.6	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.1
Fluoranthene	M	mg/kg	0.1		^ 0.2	^ < 0.1	^ < 0.1	^ 0.2	^ 0.7	^ < 0.1	^ 0.3	^ 0.9	^ 0.9
Pyrene	M	mg/kg	0.1		^ 0.1	^ < 0.1	^ < 0.1	^ 0.1	^ 0.7	^ < 0.1	^ 0.2	^ 0.7	^ 0.8
Benzo(a)anthracene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.6	^ < 0.1	^ 0.1	^ 0.3	^ 0.5
Chrysene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.6	^ < 0.1	^ 0.2	^ 0.4	^ 0.5
Benzo(b)fluoranthene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.7	^ < 0.1	^ 0.2	^ 0.4	^ 0.7
Benzo(k)fluoranthene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.8	^ < 0.1	^ 0.2	^ 0.4	^ 0.7
Benzo(a)pyrene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.7	^ < 0.1	^ 0.2	^ 0.4	^ 0.8
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.6	^ < 0.1	^ 0.2	^ 0.4	^ 0.7
Dibenzo(a,h)anthracene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.5	^ < 0.1	^ < 0.1	^ 0.1	^ 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1		^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ 0.7	^ < 0.1	^ 0.2	^ 0.3	^ 0.6
Total PAH(16)	M	mg/kg	0.4		^ 0.4	^ < 0.4	^ < 0.4	^ 0.5	^ 9.8	^ < 0.4	^ 1.8	^ 4.8	^ 6.9

Results Summary

Report No.: 22-40573, issue number 0

ELAB Reference				279031	279033	279035	279037	279039	279041	279043	279046	279048
Customer Reference												
Sample ID												
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				WS09	WS10	WS11	WS12	WS13	WS14	WS15	WS16	WS18
Sample Depth (m)				0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Sampling Date				11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**									
BTEX												
Benzene	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Toluene	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Ethylbenzene	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Xylenes	M	ug/kg	10	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
MTBE	U	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
TPH CWG												
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ 2.9	^ 22.5	^ 6.2
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ 4.1	^ < 1.0
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.6	27.5	7.4
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ 1.3	^ < 1.0	^ 3.4
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ 4.8	^ 14.4	^ 16.7
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ 1.5	^ 1.7	^ 2.3
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.9	17.6	23.2
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	11.5	45.1	30.5

Results Summary

Report No.: 22-40573, issue number 0

ELAB Reference				279031	279033	279035	279037	279039	279041	279043	279046	279048
Customer Reference												
Sample ID												
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				WS09	WS10	WS11	WS12	WS13	WS14	WS15	WS16	WS18
Sample Depth (m)				0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Sampling Date				11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	11/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**									
OrganoChlorine Pesticides												
alpha-HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
beta_HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
gamma-HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
delta-HCH	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Aldrin	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor expoxide	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
trans-Chlordane	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
alpha cis-Chlordane	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDE	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Dieldrin	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDD	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endosulfan II	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin aldehyde	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDT	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endosulphan sulphate	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Methoxychlor	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin ketone	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 22-40573, issue number 0

ELAB Reference				279049	279050	279051	279052	279053	279054
Customer Reference									
Sample ID									
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				WS18	WS19	WS19	WS19	WS20	WS20
Sample Depth (m)				0.50	0.10	0.40	0.60	0.20	0.60
Sampling Date				10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**						
Soil sample preparation parameters									
Moisture Content	N	%	0.1	6.4	5.0	7.2	15.1	8.5	11.8
Material removed	N	%	0.1	13.0	16.6	19.7	< 0.1	10.0	< 0.1
Description of Inert material removed	N		0	Stones/Brick/Clinker	Stones/Brick/Clinker	Stones/Clinker	None	Stones/Brick	None
Metals									
Arsenic	M	mg/kg	1	^ 15.9	^ 13.3	^ 12.0	^ 11.3	^ 17.5	^ 13.5
Beryllium	U	mg/kg	1	1.1	1.1	< 1.0	< 1.0	< 1.0	1.1
Cadmium	M	mg/kg	0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5
Chromium	M	mg/kg	5	^ 29.2	^ 28.3	^ 23.7	^ 27.7	^ 19.7	^ 20.3
Copper	M	mg/kg	5	^ 37.9	^ 35.3	^ 31.1	^ 26.7	^ 20.7	^ 23.2
Lead	M	mg/kg	5	^ 148	^ 105	^ 91.5	^ 27.5	^ 37.6	^ 19.3
Mercury	M	mg/kg	0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5	^ < 0.5
Nickel	M	mg/kg	5	^ 27.6	^ 25.4	^ 22.1	^ 14.2	^ 15.1	^ 25.5
Selenium	M	mg/kg	1	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
Vanadium	M	mg/kg	5	^ 40.2	^ 38.5	^ 35.3	^ 38.5	^ 32.0	^ 28.3
Zinc	M	mg/kg	5	^ 165	^ 115	^ 104	^ 54.7	^ 56.0	^ 67.4
Anions									
Water Soluble Chloride	M	mg/kg	40	^ 50	^ 55	^ 53	^ < 40	^ 41	^ 50
Water Soluble Sulphate	M	g/l	0.02	^ 0.08	^ 0.10	^ 0.06	^ 0.04	^ 0.02	^ < 0.02

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279049	279050	279051	279052	279053	279054
				Customer Reference						
				Sample ID						
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS18	WS19	WS19	WS19	WS20	WS20
				Sample Depth (m)	0.50	0.10	0.40	0.60	0.20	0.60
				Sampling Date	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**							
Inorganics										
Carbonate	N	%	0.1		n/t	n/t	n/t	n/t	n/t	n/t
Elemental Sulphur	M	mg/kg	20		^ < 20	^ < 20	^ < 20	^ < 20	^ < 20	^ < 20
Hexavalent Chromium	N	mg/kg	0.8		< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8
Total Sulphide	N	mg/kg	2		< 2	< 2	< 2	< 2	< 2	< 2
Total Cyanide	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02		0.09	0.14	0.08	0.05	0.04	0.03
Water Soluble Boron	N	mg/kg	0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Miscellaneous										
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50		n/t	n/t	n/t	n/t	n/t	n/t
Carbon Nitrogen Ratio	N	ratio	0.1		n/t	n/t	n/t	n/t	n/t	n/t
Loss on Ignition	M	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t
pH	M	pH units	0.1		^ 8.5	^ 10.6	^ 9.5	^ 9.2	^ 8.1	^ 8.3
Density	N	g/ml	0		n/t	n/t	n/t	n/t	n/t	n/t
Total Carbon	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t
Total Organic Carbon	N	%	0.01		1.4	1.4	1.3	0.70	1.9	0.36
Total Nitrogen	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t
Extractable Potassium	N	mg/l	20		n/t	n/t	n/t	n/t	n/t	n/t
Extractable Magnesium	N	mg/l	20		n/t	n/t	n/t	n/t	n/t	n/t
Extractable Phosphate	N	mg/l	1		n/t	n/t	n/t	n/t	n/t	n/t
Sand content	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t
Silt content	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t
Clay content	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t
Stones > 2mm	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t
Stones > 20mm	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t
Stones > 50mm	NS	%	1		n/t	n/t	n/t	n/t	n/t	n/t
Total Visible Contaminants	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t
Plastics	N	%	0.01		n/t	n/t	n/t	n/t	n/t	n/t
Sharps	N	n/kg	0		n/t	n/t	n/t	n/t	n/t	n/t

Tests marked N are not UKAS accredited.

Results Summary

Report No.: 22-40573, issue number 0

			ELAB Reference	279049	279050	279051	279052	279053	279054
			Customer Reference						
			Sample ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sample Location	WS18	WS19	WS19	WS19	WS20	WS20
			Sample Depth (m)	0.50	0.10	0.40	0.60	0.20	0.60
			Sampling Date	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**						
Phenols									
Total Phenols	N	mg/kg	6	< 6	< 6	< 6	< 6	< 6	< 6
Polyaromatic hydrocarbons									
Naphthalene	M	mg/kg	0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthylene	M	mg/kg	0.1	^ < 0.1	^ 0.2	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Acenaphthene	M	mg/kg	0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Fluorene	M	mg/kg	0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Phenanthrene	M	mg/kg	0.1	^ 0.4	^ 0.8	^ 0.3	^ < 0.1	^ 0.5	^ < 0.1
Anthracene	M	mg/kg	0.1	^ 0.2	^ 0.3	^ 0.1	^ < 0.1	^ 0.1	^ < 0.1
Fluoranthene	M	mg/kg	0.1	^ 1.2	^ 1.5	^ 1.0	^ < 0.1	^ 1.1	^ < 0.1
Pyrene	M	mg/kg	0.1	^ 1.1	^ 1.3	^ 0.9	^ < 0.1	^ 0.9	^ < 0.1
Benzo(a)anthracene	M	mg/kg	0.1	^ 0.6	^ 0.8	^ 0.5	^ < 0.1	^ 0.5	^ < 0.1
Chrysene	M	mg/kg	0.1	^ 0.7	^ 0.9	^ 0.5	^ < 0.1	^ 0.5	^ < 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	^ 1.1	^ 1.3	^ 0.8	^ < 0.1	^ 0.5	^ < 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	^ 1.1	^ 1.4	^ 0.8	^ < 0.1	^ 0.6	^ < 0.1
Benzo(a)pyrene	M	mg/kg	0.1	^ 1.0	^ 1.4	^ 0.8	^ < 0.1	^ 0.5	^ < 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	^ 1.1	^ 1.2	^ 0.6	^ < 0.1	^ 0.3	^ < 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	^ 0.5	^ 0.2	^ < 0.1	^ < 0.1	^ < 0.1	^ < 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	^ 0.2	^ 1.1	^ 0.5	^ < 0.1	^ 0.3	^ < 0.1
Total PAH(16)	M	mg/kg	0.4	^ 9.3	^ 12.5	^ 7.0	^ < 0.4	^ 6.0	^ < 0.4

Results Summary

Report No.: 22-40573, issue number 0

				ELAB Reference	279049	279050	279051	279052	279053	279054
				Customer Reference						
				Sample ID						
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	WS18	WS19	WS19	WS19	WS20	WS20
				Sample Depth (m)	0.50	0.10	0.40	0.60	0.20	0.60
				Sampling Date	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**							
BTEX										
Benzene	M	ug/kg	10		^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Toluene	M	ug/kg	10		^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Ethylbenzene	M	ug/kg	10		^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
Xylenes	M	ug/kg	10		^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0	^ < 10.0
MTBE	U	ug/kg	10		< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
TPH CWG										
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1		^ 13.8	^ 6.3	^ 6.5	^ < 1.0	^ 1.4	^ < 1.0
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1		^ 2.1	^ < 1.0	^ 1.3	^ < 1.0	^ < 1.0	^ < 1.0
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1		16.8	7.6	8.2	< 1.0	1.6	< 1.0
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1		^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0	^ < 1.0
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1		^ 2.8	^ 1.3	^ 2.1	^ < 1.0	^ < 1.0	^ < 1.0
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1		^ 27.5	^ 13.4	^ 22.3	^ 5.0	^ 1.3	^ < 1.0
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1		^ 5.4	^ 4.3	^ 4.3	^ < 1.0	^ < 1.0	^ < 1.0
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1		36.5	19.7	29.3	5.8	2.3	< 1.0
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1		53.3	27.3	37.6	6.6	4.0	< 1.0

Results Summary

Report No.: 22-40573, issue number 0

ELAB Reference				279049	279050	279051	279052	279053	279054
Customer Reference									
Sample ID									
Sample Type				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location				WS18	WS19	WS19	WS19	WS20	WS20
Sample Depth (m)				0.50	0.10	0.40	0.60	0.20	0.60
Sampling Date				10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Determinand	**Codes**	**Units**	**LOD**						
OrganoChlorine Pesticides									
alpha-HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
beta_HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
gamma-HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
delta-HCH	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Aldrin	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor expoxide	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
trans-Chlordane	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
alpha cis-Chlordane	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDE	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Dieldrin	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Endrin	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDD	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Endosulfan II	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Endrin aldehyde	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDT	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Endosulphan sulphate	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Methoxychlor	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t
Endrin ketone	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t

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Results Summary

Report No.: 22-40573, issue number 0

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
278995	0.20	HP04	Brown Sandy Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
278997	0.20	HP11	Brown Sandy Soil	No asbestos detected	n/t	n/t	n/t	n/t
278999	0.20	HP15	Brown sandy Soil,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279001	0.20	HP19	Brown Sandy Soil	No asbestos detected	n/t	n/t	n/t	n/t
279006	0.10	HP24	Brown Soil,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279008	0.10	HP26	Brown Soil,Stones,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279010	0.10	HP27	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279012	0.10	HP29	Brown Soil,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279014	0.10	HP31	Brown Soil,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279016	0.10	WS02	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279017	0.50	WS02	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279018	0.10	WS03	Brown Soil,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279019	0.40	WS03	Brown Soil,Stones,Brick	No asbestos detected	n/t	n/t	n/t	n/t
279020	1.30	WS03	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279021	0.10	WS04	Brown Sandy Soil,Stones,Brick,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279023	0.10	WS05	Brown Soil,Stones,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279025	0.10	WS06	Chalk	No asbestos detected	n/t	n/t	n/t	n/t
279027	0.10	WS07	Chalky Brown Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
279029	0.10	WS08	Brown Soil,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279031	0.10	WS09	Brown Soil,Stones,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279033	1.00	WS10	Brown Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
279035	0.10	WS11	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279037	0.10	WS12	Brown sandy Soil	No asbestos detected	n/t	n/t	n/t	n/t
279039	0.10	WS13	Brown Soil,Stones	No asbestos detected	n/t	n/t	n/t	n/t
279041	0.10	WS14	Brown Soil,Organic	No asbestos detected	n/t	n/t	n/t	n/t
279043	0.10	WS15	Brown Soil,Root,Stones,Brick	No asbestos detected	n/t	n/t	n/t	n/t
279046	0.10	WS16	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279048	0.10	WS18	Brown Soil,Stones,Root	No asbestos detected	n/t	n/t	n/t	n/t

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Results Summary

Report No.: 22-40573, issue number 0

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
279049	0.50	WS18	Brown Soil,Stones,Brick,Tar	No asbestos detected	n/t	n/t	n/t	n/t
279050	0.10	WS19	Brown Soil,Stones,Brick	No asbestos detected	n/t	n/t	n/t	n/t
279051	0.40	WS19	Brown Soil,Stones,Concrete	No asbestos detected	n/t	n/t	n/t	n/t
279052	0.60	WS19	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279053	0.20	WS20	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t
279054	0.60	WS20	Brown Soil	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

Report No.: 22-40573, issue number 0

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Acid neutralisation capacity	N	Air dried sample	20/05/2022		
Extractable cations - BS3882	N	Air dried sample	20/05/2022		ICPMS
Visible Contaminants	N		17/05/2022		
Sulphide	N	As submitted sample	17/05/2022	109	Colorimetry
Hexavalent chromium	N	As submitted sample	17/05/2022	110	Colorimetry
pH	M	Air dried sample	19/05/2022	113	Electromeric
Electrical conductivity of soil	N	Air dried sample.	20/05/2022	114	Electromeric
Acid Soluble Sulphate	U	Air dried sample	20/05/2022	115	Ion Chromatography
Aqua regia extractable metals	M	Air dried sample	19/05/2022	118	ICPMS
Phenols in solids	N	As submitted sample	17/05/2022	121	HPLC
Elemental Sulphur	M	Air dried sample	18/05/2022	122	HPLC
Loss on ignition at 450 deg C	M	Air dried sample	19/05/2022	129	Gravimetry
PAH (GC-FID)	M	As submitted sample	17/05/2022	133	GC-FID
Extr. Phos	N	Air dried sample	20/05/2022	140	ICPMS
Water soluble anions	M	Air dried sample	18/05/2022	172	Ion Chromatography
Organochlorine Pesticides in solids	M	As submitted sample	17/05/2022	173	GC-MS
Low range Aliphatic hydrocarbons soil	N	As submitted sample	20/05/2022	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	20/05/2022	181	GC-MS
BTEX in solids	M	As submitted sample	20/05/2022	181A	GC-MS
Water soluble boron	N	Air dried sample	18/05/2022	202	Colorimetry
Total cyanide	M	As submitted sample	19/05/2022	204	Colorimetry
Total organic carbon/Total sulphur	N	Air dried sample	18/05/2022	210	IR
TPH CWG soil by gc-gc	M	As submitted sample	16/05/2022	271	
Asbestos identification	U	Air dried sample	20/05/2022	280	Microscopy

Tests marked N are not UKAS accredited

Report Information

Report No.: 22-40573, issue number 0

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.
	Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.
	ELAB are unable to provide an interpretation or opinion on the content of this report.
	The results relate only to the sample received.
	PCB congener results may include any coeluting PCBs
	Uncertainty of measurement for the determinands tested are available upon request
	Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month
All water samples will be retained for 7 days following the date of the test report
Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

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	EH_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

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THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number:	22-40610
Issue:	1
Date of Issue:	24/05/2022
Contact:	Veronica Bennett
Customer Details:	GESL Unit 7 Danworth Farm Hurstpierpoint West SussexBN6 9GL
Quotation No:	Q22-02720
Order No:	5308
Customer Reference:	GE20620
Date Received:	16/05/2022
Date Approved:	24/05/2022
Details:	Northwest Southwater
Approved by:	

Mike Varley, General Manager

Sample Summary

Report No.: 22-40610, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
279367	HP01 0.70	13/05/2022	17/05/2022	Silty loam	
279368	HP02 0.70	13/05/2022	17/05/2022	Silty loam	
279369	HP03 0.20	13/05/2022	17/05/2022	Silty loam	
279370	HP05 0.20	13/05/2022	17/05/2022	Silty loam	
279371	HP06 0.20	13/05/2022	17/05/2022	Silty loam	
279372	HP07 0.20	13/05/2022	17/05/2022	Silty loam	
279373	HP08 0.20	13/05/2022	17/05/2022	Silty loam	
279374	HP09 0.20	13/05/2022	17/05/2022	Silty loam	
279375	HP12 0.20	13/05/2022	17/05/2022	Silty loam	
279376	HP13 0.10	13/05/2022	17/05/2022	Silty loam	
279377	HP21 0.70	13/05/2022	17/05/2022	Silty loam	
279378	HP22 0.70	13/05/2022	17/05/2022	Silty loam	
279379	HP23 0.20	13/05/2022	17/05/2022	Silty loam	
279380	HP25 0.20	13/05/2022	17/05/2022	Silty loam	
279381	HP33 0.20	13/05/2022	17/05/2022	Silty loam	
279382	WS01 0.10	13/05/2022	17/05/2022	Silty loam	
279383	HP16 0.20	13/05/2022	17/05/2022	Silty loam	
279384	HP26 0.10	13/05/2022	17/05/2022	Silty loam	
279385	HP34 0.10	13/05/2022	17/05/2022		
279386	WS01 0.60	13/05/2022	17/05/2022		

Results Summary

Report No.: 22-40610, issue number 1

				ELAB Reference	279367	279368	279369	279370	279371	279372	279373	279374	279375
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP01	HP02	HP03	HP05	HP06	HP07	HP08	HP09	HP12
				Sample Depth (m)	0.70	0.70	0.20	0.20	0.20	0.20	0.20	0.20	0.20
				Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Soil sample preparation parameters													
Moisture Content	N	%	0.1		9.9	11.8	15.9	13.9	13.3	15.1	10.6	11.0	9.7
Material removed	N	%	0.1		12.7	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	9.7	< 0.1
Description of Inert material removed	N		0		Stones	None	None	None	None	None	None	Stones/Brick/Clinker	None
Metals													
Arsenic	M	mg/kg	1		9.1	12.3	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Beryllium	U	mg/kg	1		1.2	1.4	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Cadmium	M	mg/kg	0.5		< 0.5	< 0.5	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Chromium	M	mg/kg	5		33.1	36.7	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Copper	M	mg/kg	5		28.4	33.1	19.5	18.6	14.2	19.3	111	14.7	16.4
Lead	M	mg/kg	5		18.1	21.7	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Mercury	M	mg/kg	0.5		< 0.5	< 0.5	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Nickel	M	mg/kg	5		28.8	35.7	17.2	16.1	10.8	14.3	10.0	9.5	12.8
Selenium	M	mg/kg	1		< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Vanadium	M	mg/kg	5		42.1	48.5	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Zinc	M	mg/kg	5		57.3	59.8	80.1	66.2	51.0	59.0	131	48.9	52.7
Anions													
Water Soluble Chloride	M	mg/kg	40		< 40	< 40	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Water Soluble Sulphate	M	g/l	0.02		< 0.02	0.03	n/t	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 22-40610, issue number 1

				ELAB Reference	279367	279368	279369	279370	279371	279372	279373	279374	279375
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP01	HP02	HP03	HP05	HP06	HP07	HP08	HP09	HP12
				Sample Depth (m)	0.70	0.70	0.20	0.20	0.20	0.20	0.20	0.20	0.20
				Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Inorganics													
Carbonate	N	%	0.1	n/t	n/t	2.9	1.9	3.2	2.4	1.6	3.7	4.3
Elemental Sulphur	M	mg/kg	20	< 20	< 20	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	< 0.8	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Sulphide	N	mg/kg	2	< 2	< 2	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Cyanide	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Acid Soluble Sulphate (SO4)	U	%	0.02	0.02	0.02	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Water Soluble Boron	N	mg/kg	0.5	< 0.5	< 0.5	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Miscellaneous													
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	n/t	n/t	1980	1860	1980	1910	1960	1900	2060
Carbon Nitrogen Ratio	N	ratio	0.1	n/t	n/t	21.2827	20.8975	19.8349	18.0633	18.8319	20.6020	23.0183
Loss on Ignition	M	%	0.01	n/t	n/t	7.19	5.80	4.31	7.63	6.82	5.22	5.00
pH	M	pH units	0.1	8.5	8.1	7.3	7.1	6.8	7.1	7.0	7.0	5.8
Density	N	g/ml	0	n/t	n/t	1.23	1.21	1.24	1.14	1.21	1.19	1.20
Total Carbon	N	%	0.01	n/t	n/t	4.2	3.4	2.5	4.4	4.0	3.0	2.9
Total Organic Carbon	N	%	0.01	0.23	0.26	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total Nitrogen	N	%	0.01	n/t	n/t	0.20	0.16	0.13	0.25	0.21	0.15	0.13
Extractable Potassium	N	mg/l	20	n/t	n/t	185	72	482	83	103	113	87
Extractable Magnesium	N	mg/l	20	n/t	n/t	155	67	118	75	80	96	80
Extractable Phosphate	N	mg/l	1	n/t	n/t	59	37	83	43	72	53	59
Sand content	NS	%	1	n/t	n/t	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Silt content	NS	%	1	n/t	n/t	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Clay content	NS	%	1	n/t	n/t	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 2mm	NS	%	1	n/t	n/t	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 20mm	NS	%	1	n/t	n/t	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 50mm	NS	%	1	n/t	n/t	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Total Visible Contaminants	N	%	0.01	n/t	n/t	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Plastics	N	%	0.01	n/t	n/t	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Sharps	N	n/kg	0	n/t	n/t	0	0	0	0	0	0	0

Tests marked N are not UKAS accredited.

Results Summary

Report No.: 22-40610, issue number 1

	ELAB Reference	279367	279368	279369	279370	279371	279372	279373	279374	279375
	Customer Reference									
	Sample ID									
	Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Location	HP01	HP02	HP03	HP05	HP06	HP07	HP08	HP09	HP12
	Sample Depth (m)	0.70	0.70	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes** / **Units** / **LOD**									
Phenols										
Total Phenols	N / mg/kg / 6	< 6	< 6	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Polyaromatic hydrocarbons										
Naphthalene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Acenaphthylene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Acenaphthene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Fluorene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Phenanthrene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Anthracene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Fluoranthene	M / mg/kg / 0.1	0.2	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Pyrene	M / mg/kg / 0.1	0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Benzo(a)anthracene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Chrysene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Benzo(b)fluoranthene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Benzo(k)fluoranthene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Benzo(a)pyrene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Indeno(1,2,3-cd)pyrene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Dibenzo(a,h)anthracene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Benzo[g,h,i]perylene	M / mg/kg / 0.1	< 0.1	< 0.1	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total PAH(16)	M / mg/kg / 0.4	< 0.4	< 0.4	n/t	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 22-40610, issue number 1

	ELAB Reference	279367	279368	279369	279370	279371	279372	279373	279374	279375
	Customer Reference									
	Sample ID									
	Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Location	HP01	HP02	HP03	HP05	HP06	HP07	HP08	HP09	HP12
	Sample Depth (m)	0.70	0.70	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**							
BTEX										
Benzene	M	ug/kg	10	< 10.0	< 10.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Toluene	M	ug/kg	10	< 10.0	< 10.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Ethylbenzene	M	ug/kg	10	< 10.0	< 10.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Xylenes	M	ug/kg	10	< 10.0	< 10.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
MTBE	U	ug/kg	10	< 10.0	< 10.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
TPH CWG										
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1	1.6	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	2.5	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1	3.2	< 1.0	n/t	n/t	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 22-40610, issue number 1

	ELAB Reference	279367	279368	279369	279370	279371	279372	279373	279374	279375
	Customer Reference									
	Sample ID									
	Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Location	HP01	HP02	HP03	HP05	HP06	HP07	HP08	HP09	HP12
	Sample Depth (m)	0.70	0.70	0.20	0.20	0.20	0.20	0.20	0.20	0.20
	Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes** / **Units** / **LOD**									
OrganoChlorine Pesticides										
alpha-HCH	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
beta_HCH	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
gamma-HCH	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
delta-HCH	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Heptachlor	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Aldrin	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Heptachlor expoxide	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
trans-Chlordane	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
alpha cis-Chlordane	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
p,p-DDE	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Dieldrin	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Endrin	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
p,p-DDD	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Endosulfan II	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Endrin aldehyde	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
p,p-DDT	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Endosulphan sulphate	M / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Methoxychlor	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10
Endrin ketone	N / ug/kg / 10	n/t	n/t	< 10	< 10	< 10	n/t	< 10	n/t	< 10

Results Summary

Report No.: 22-40610, issue number 1

				ELAB Reference	279376	279377	279378	279379	279380	279381	279382	279383	279384
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP13	HP21	HP22	HP23	HP25	HP33	WS01	HP16	HP26
				Sample Depth (m)	0.10	0.70	0.70	0.20	0.20	0.20	0.10	0.20	0.10
				Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Soil sample preparation parameters													
Moisture Content	N	%	0.1		10.7	9.8	14.2	20.5	13.3	15.4	18.2	12.4	13.7
Material removed	N	%	0.1		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0		None	None	None	None	None	None	None	None	None
Metals													
Arsenic	M	mg/kg	1		n/t	n/t	n/t	n/t	n/t	n/t	10.1	n/t	10.5
Beryllium	U	mg/kg	1		n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
Cadmium	M	mg/kg	0.5		n/t	n/t	n/t	n/t	n/t	n/t	< 0.5	n/t	< 0.5
Chromium	M	mg/kg	5		n/t	n/t	n/t	n/t	n/t	n/t	19.6	n/t	22.8
Copper	M	mg/kg	5		21.2	25.1	15.6	19.9	18.3	25.2	18.2	17.8	14.3
Lead	M	mg/kg	5		n/t	n/t	n/t	n/t	n/t	n/t	26.2	n/t	34.2
Mercury	M	mg/kg	0.5		n/t	n/t	n/t	n/t	n/t	n/t	< 0.5	n/t	< 0.5
Nickel	M	mg/kg	5		19.6	22.8	13.3	17.5	13.8	18.9	12.0	10.2	13.1
Selenium	M	mg/kg	1		n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
Vanadium	M	mg/kg	5		n/t	n/t	n/t	n/t	n/t	n/t	35.1	n/t	33.7
Zinc	M	mg/kg	5		73.6	84.1	60.8	70.2	74.5	79.9	54.4	54.3	58.6
Anions													
Water Soluble Chloride	M	mg/kg	40		n/t	n/t	n/t	n/t	n/t	n/t	< 40	n/t	< 40
Water Soluble Sulphate	M	g/l	0.02		n/t	n/t	n/t	n/t	n/t	n/t	0.02	n/t	0.06

Tests marked N are not UKAS accredited.

Results Summary

Report No.: 22-40610, issue number 1

	ELAB Reference	279376	279377	279378	279379	279380	279381	279382	279383	279384
	Customer Reference									
	Sample ID									
	Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Location	HP13	HP21	HP22	HP23	HP25	HP33	WS01	HP16	HP26
	Sample Depth (m)	0.10	0.70	0.70	0.20	0.20	0.20	0.10	0.20	0.10
	Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**							
Inorganics										
Carbonate	N	%	0.1	4.8	2.4	1.9	0.8	0.8	2.9	2.7	0.3	< 0.1
Elemental Sulphur	M	mg/kg	20	n/t	n/t	n/t	n/t	n/t	n/t	< 20	n/t	< 20
Hexavalent Chromium	N	mg/kg	0.8	n/t	n/t	n/t	n/t	n/t	n/t	< 0.8	n/t	< 0.8
Total Sulphide	N	mg/kg	2	n/t	n/t	n/t	n/t	n/t	n/t	< 2	n/t	< 2
Total Cyanide	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02	n/t	n/t	n/t	n/t	n/t	n/t	0.04	n/t	0.05
Water Soluble Boron	N	mg/kg	0.5	n/t	n/t	n/t	n/t	n/t	n/t	0.6	n/t	0.8
Miscellaneous										
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	2150	1970	2270	2310	2270	2200	1970	2010	2230
Carbon Nitrogen Ratio	N	ratio	0.1	20.6071	17.7582	16.9497	18.4576	30.3170	25.7183	30.1578	58.7000	28.1681
Loss on Ignition	M	%	0.01	6.96	8.79	9.41	7.57	9.51	11.2	8.37	5.67	8.84
pH	M	pH units	0.1	7.1	6.8	6.8	6.1	6.6	6.3	6.1	6.1	6.3
Density	N	g/ml	0	1.15	1.15	1.17	1.24	1.24	1.14	1.22	1.23	1.12
Total Carbon	N	%	0.01	4.0	5.1	5.5	4.4	5.5	6.5	4.9	3.3	5.1
Total Organic Carbon	N	%	0.01	n/t	n/t	n/t	n/t	n/t	n/t	1.8	n/t	2.3
Total Nitrogen	N	%	0.01	0.20	0.29	0.32	0.24	0.18	0.25	0.16	0.06	0.18
Extractable Potassium	N	mg/l	20	105	115	78	153	288	168	138	73	92
Extractable Magnesium	N	mg/l	20	67	119	165	289	295	202	181	114	123
Extractable Phosphate	N	mg/l	1	38	63	54	64	112	71	84	52	67
Sand content	NS	%	1	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Silt content	NS	%	1	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Clay content	NS	%	1	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 2mm	NS	%	1	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 20mm	NS	%	1	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Stones > 50mm	NS	%	1	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow	to follow
Total Visible Contaminants	N	%	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Plastics	N	%	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Sharps	N	n/kg	0	0	0	0	0	0	0	0	0	0

Results Summary

Report No.: 22-40610, issue number 1

				ELAB Reference	279376	279377	279378	279379	279380	279381	279382	279383	279384
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP13	HP21	HP22	HP23	HP25	HP33	WS01	HP16	HP26
				Sample Depth (m)	0.10	0.70	0.70	0.20	0.20	0.20	0.10	0.20	0.10
				Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**										
Phenols													
Total Phenols	N	mg/kg	6	n/t	n/t	n/t	n/t	n/t	n/t	< 6	n/t	< 6
Polyaromatic hydrocarbons													
Naphthalene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Acenaphthylene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Acenaphthene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Fluorene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Phenanthrene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Anthracene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Fluoranthene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	0.1	n/t	< 0.1
Pyrene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Benzo(a)anthracene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Chrysene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Benzo(a)pyrene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	n/t	n/t	n/t	n/t	n/t	n/t	< 0.1	n/t	< 0.1
Total PAH(16)	M	mg/kg	0.4	n/t	n/t	n/t	n/t	n/t	n/t	< 0.4	n/t	< 0.4

Results Summary

Report No.: 22-40610, issue number 1

	ELAB Reference	279376	279377	279378	279379	279380	279381	279382	279383	279384
	Customer Reference									
	Sample ID									
	Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sample Location	HP13	HP21	HP22	HP23	HP25	HP33	WS01	HP16	HP26
	Sample Depth (m)	0.10	0.70	0.70	0.20	0.20	0.20	0.10	0.20	0.10
	Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**							
BTEX										
Benzene	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	< 10.0	n/t	< 10.0
Toluene	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	< 10.0	n/t	< 10.0
Ethylbenzene	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	< 10.0	n/t	< 10.0
Xylenes	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	< 10.0	n/t	< 10.0
MTBE	U	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	< 10.0	n/t	< 10.0
TPH CWG										
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	n/t	n/t	n/t	n/t	n/t	n/t	< 0.01	n/t	< 0.01
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	n/t	n/t	n/t	n/t	n/t	n/t	< 0.01	n/t	< 0.01
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	1.8
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	2.2
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01	n/t	n/t	n/t	n/t	n/t	n/t	< 0.01	n/t	< 0.01
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01	n/t	n/t	n/t	n/t	n/t	n/t	< 0.01	n/t	< 0.01
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	2.8
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	< 1.0
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	4.3
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1	n/t	n/t	n/t	n/t	n/t	n/t	< 1.0	n/t	6.5

Tests marked N are not UKAS accredited.

Results Summary

Report No.: 22-40610, issue number 1

				ELAB Reference	279376	279377	279378	279379	279380	279381	279382	279383	279384
				Customer Reference									
				Sample ID									
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	HP13	HP21	HP22	HP23	HP25	HP33	WS01	HP16	HP26
				Sample Depth (m)	0.10	0.70	0.70	0.20	0.20	0.20	0.10	0.20	0.10
				Sampling Date	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022	13/05/2022
Determinand	**Codes**	**Units**	**LOD**										
OrganoChlorine Pesticides													
alpha-HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
beta_HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
gamma-HCH	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
delta-HCH	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Aldrin	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Heptachlor expoxide	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
trans-Chlordane	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
alpha cis-Chlordane	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDE	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Dieldrin	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDD	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endosulfan II	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin aldehyde	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
p,p-DDT	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endosulphan sulphate	M	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Methoxychlor	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t
Endrin ketone	N	ug/kg	10	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t	n/t

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Results Summary

Report No.: 22-40610, issue number 1

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
279367	0.70	HP01	Brown sandy soil, stones, shale, brick	No asbestos detected	n/t	n/t	n/t	n/t
279368	0.70	HP02	Brown sandy soil, stones, shale	No asbestos detected	n/t	n/t	n/t	n/t
279382	0.10	WS01	Brown sandy soil, stones, shale	No asbestos detected	n/t	n/t	n/t	n/t
279384	0.10	HP26	Brown soil	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

Report No.: 22-40610, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Acid neutralisation capacity	N	Air dried sample	20/05/2022		
Extractable cations - BS3882	N	Air dried sample	20/05/2022		ICPMS
Visible Contaminants	N		19/05/2022		
Sulphide	N	As submitted sample	19/05/2022	109	Colorimetry
Hexavalent chromium	N	As submitted sample	19/05/2022	110	Colorimetry
pH	M	Air dried sample	24/05/2022	113	Electromeric
Electrical conductivity of soil	N	Air dried sample.	23/05/2022	114	Electromeric
Acid Soluble Sulphate	U	Air dried sample	24/05/2022	115	Ion Chromatography
Aqua regia extractable metals	M	Air dried sample	23/05/2022	118	ICPMS
Phenols in solids	N	As submitted sample	19/05/2022	121	HPLC
Elemental Sulphur	M	Air dried sample	24/05/2022	122	HPLC
Loss on ignition at 450 deg C	M	Air dried sample	24/05/2022	129	Gravimetry
PAH (GC-FID)	M	As submitted sample	19/05/2022	133	GC-FID
Extr. Phos	N	Air dried sample	20/05/2022	140	ICPMS
Water soluble anions	M	Air dried sample	23/05/2022	172	Ion Chromatography
Organochlorine Pesticides in solids	M	As submitted sample	19/05/2022	173	GC-MS
Low range Aliphatic hydrocarbons soil	N	As submitted sample	23/05/2022	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	23/05/2022	181	GC-MS
BTEX in solids	M	As submitted sample	23/05/2022	181A	GC-MS
Water soluble boron	N	Air dried sample	24/05/2022	202	Colorimetry
Total cyanide	M	As submitted sample	19/05/2022	204	Colorimetry
Total organic carbon/Total sulphur	N	Air dried sample	20/05/2022	210	IR
TPH CWG soil by gc-gc	M	As submitted sample	17/05/2022	271	
Asbestos identification	U	Air dried sample	24/05/2022	280	Microscopy

Tests marked N are not UKAS accredited

Report Information

Report No.: 22-40610, issue number 1

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.

ELAB are unable to provide an interpretation or opinion on the content of this report.

The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

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	EH_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

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2683

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number:	22-40761
Issue:	Preliminary Report
Date of Issue:	27/05/2022
Contact:	Veronica Bennett
Customer Details:	GESL Unit 7 Danworth Farm Hurstpierpoint West SussexBN6 9GL
Quotation No:	Q22-02720
Order No:	5308
Customer Reference:	GE20620
Date Received:	20/05/2022
Date Approved:	Not Approved
Details:	Northwest Southwater Schedule 2
Approved by:	

Mike Varley, General Manager

Sample Summary

Report No.: 22-40761, issue number 0

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
280298	HP18 0.10	Not Provided	20/05/2022	Silty loam	a

Results Summary

Report No.: 22-40761, issue number 0

ELAB Reference	280298
Customer Reference	
Sample ID	
Sample Type	SOIL
Sample Location	HP18
Sample Depth (m)	0.10
Sampling Date	Not Provided

Determinand	Codes	Units	LOD	
Soil sample preparation parameters				
Moisture Content	N	%	0.1	12.6
Material removed	N	%	0.1	11.2
Description of Inert material removed	N		0	Stones
Metals				
Copper	M	mg/kg	5	14.7
Nickel	M	mg/kg	5	9.7
Zinc	M	mg/kg	5	55.3
Inorganics				
Carbonate	N	%	0.1	0.5
Miscellaneous				
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	2230
Carbon Nitrogen Ratio	N	ratio	0.1	22.9
Loss on Ignition	M	%	0.01	5.81
pH	M	pH units	0.1	7.1
Density	N	g/ml	0	1.23
Total Carbon	N	%	0.01	3.4
Total Nitrogen	N	%	0.01	0.15
Extractable Potassium	N	mg/l	20	69
Extractable Magnesium	N	mg/l	20	99
Extractable Phosphate	N	mg/l	1	53
Sand content	NS	%	1	to follow
Silt content	NS	%	1	to follow
Clay content	NS	%	1	to follow
Stones > 2mm	NS	%	1	to follow
Stones > 20mm	NS	%	1	to follow
Stones > 50mm	NS	%	1	to follow
Total Visible Contaminants	N	%	0.01	< 0.01
Plastics	N	%	0.01	< 0.01
Sharps	N	n/kg	0	0

Tests marked N are not UKAS accredited.

Method Summary

Report No.: 22-40761, issue number 0

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Acid neutralisation capacity	N	Air dried sample	25/05/2022		
Extractable cations - BS3882	N	Air dried sample	26/05/2022		ICPMS
Visible Contaminants	N		24/05/2022		
pH	M	Air dried sample	27/05/2022	113	Electromeric
Electrical conductivity of soil	N	Air dried sample.	26/05/2022	114	Electromeric
Aqua regia extractable metals	M	Air dried sample	26/05/2022	118	ICPMS
Loss on ignition at 450 deg C	M	Air dried sample	25/05/2022	129	Gravimetry
Extr. Phos	N	Air dried sample	26/05/2022	140	ICPMS

Tests marked N are not UKAS accredited

Report Information

Report No.: 22-40761, issue number 0

Key

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n/t	Not tested
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>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

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The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

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Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

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All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

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	EH_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

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THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number:	22-40896
Issue:	Preliminary Report
Date of Issue:	01/06/2022
Contact:	Veronica Bennett
Customer Details:	GESL Unit 7 Danworth Farm Hurstpierpoint West SussexBN6 9GL
Quotation No:	Q22-02720
Order No:	Not Supplied
Customer Reference:	GE20620
Date Received:	25/05/2022
Date Approved:	Not Approved
Details:	Northwest Southwater
Approved by:	

Mike Varley, General Manager

Sample Summary

Report No.: 22-40896, issue number 0

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
281063	HP32 0.10	25/05/2022	25/05/2022	Silty loam	
281064	HP35 0.10	25/05/2022	25/05/2022	Silty loam	

Results Summary

Report No.: 22-40896, issue number 0

			ELAB Reference	281063	281064
			Customer Reference		
			Sample ID		
			Sample Type	SOIL	SOIL
			Sample Location	HP32	HP35
			Sample Depth (m)	0.10	0.10
			Sampling Date	25/05/2022	25/05/2022
Determinand	**Codes**	**Units**	**LOD**		
Soil sample preparation parameters					
Moisture Content	N	%	0.1	18.7	19.7
Material removed	N	%	0.1	10.3	< 0.1
Description of Inert material removed	N		0	Stones	None
Metals					
Arsenic	M	mg/kg	1	19.9	11.6
Beryllium	U	mg/kg	1	1.3	< 1.0
Cadmium	M	mg/kg	0.5	< 0.5	< 0.5
Chromium	M	mg/kg	5	29.6	24.6
Copper	M	mg/kg	5	35.6	28.8
Lead	M	mg/kg	5	169	118
Mercury	M	mg/kg	0.5	< 0.5	< 0.5
Nickel	M	mg/kg	5	22.5	15.9
Selenium	M	mg/kg	1	< 1.0	< 1.0
Vanadium	M	mg/kg	5	45.0	35.2
Zinc	M	mg/kg	5	152	445
Anions					
Water Soluble Chloride	M	mg/kg	40	< 40	< 40
Water Soluble Sulphate	M	g/l	0.02	< 0.02	< 0.02
Inorganics					
Carbonate	N	%	0.1	1.1	0.5
Elemental Sulphur	M	mg/kg	20	< 20	< 20
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	< 0.8
Total Sulphide	N	mg/kg	2	< 2	< 2
Total Cyanide	M	mg/kg	1	< 1.0	< 1.0
Acid Soluble Sulphate (SO4)	U	%	0.02	0.05	0.07
Water Soluble Boron	N	mg/kg	0.5	< 0.5	< 0.5
Miscellaneous					
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	1450	1450
Carbon Nitrogen Ratio	N	ratio	0.1	17.0	19.3
Loss on Ignition	M	%	0.01	9.23	14.2
pH	M	pH units	0.1	6.4	6.8
Density	N	g/ml	0	1.22	1.20
Total Carbon	N	%	0.01	5.4	8.2
Total Organic Carbon	N	%	0.01	2.6	3.8
Total Nitrogen	N	%	0.01	0.32	0.43
Extractable Potassium	N	mg/l	20	170	168
Extractable Magnesium	N	mg/l	20	321	242
Extractable Phosphate	N	mg/l	1	55	55
Sand content	NS	%	1	to follow	to follow
Silt content	NS	%	1	to follow	to follow
Clay content	NS	%	1	to follow	to follow
Stones > 2mm	NS	%	1	to follow	to follow
Stones > 20mm	NS	%	1	to follow	to follow
Stones > 50mm	NS	%	1	to follow	to follow
Total Visible Contaminants	N	%	0.01	< 0.01	< 0.01
Plastics	N	%	0.01	< 0.01	< 0.01
Sharps	N	n/kg	0	0	0
Phenols					
Total Phenols	N	mg/kg	6	< 6	< 6

Tests marked N are not UKAS accredited.

Results Summary

Report No.: 22-40896, issue number 0

ELAB Reference	281063	281064
Customer Reference		
Sample ID		
Sample Type	SOIL	SOIL
Sample Location	HP32	HP35
Sample Depth (m)	0.10	0.10
Sampling Date	25/05/2022	25/05/2022

Determinand	Codes	Units	LOD		
Polyaromatic hydrocarbons					
Naphthalene	M	mg/kg	0.1	< 0.1	< 0.1
Acenaphthylene	M	mg/kg	0.1	< 0.1	< 0.1
Acenaphthene	M	mg/kg	0.1	< 0.1	< 0.1
Fluorene	M	mg/kg	0.1	< 0.1	< 0.1
Phenanthrene	M	mg/kg	0.1	< 0.1	< 0.1
Anthracene	M	mg/kg	0.1	< 0.1	< 0.1
Fluoranthene	M	mg/kg	0.1	< 0.1	0.2
Pyrene	M	mg/kg	0.1	< 0.1	0.2
Benzo(a)anthracene	M	mg/kg	0.1	< 0.1	0.1
Chrysene	M	mg/kg	0.1	< 0.1	0.1
Benzo(b)fluoranthene	M	mg/kg	0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	M	mg/kg	0.1	< 0.1	< 0.1
Benzo(a)pyrene	M	mg/kg	0.1	< 0.1	0.1
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	M	mg/kg	0.1	< 0.1	< 0.1
Benzo[g,h,i]perylene	M	mg/kg	0.1	< 0.1	< 0.1
Total PAH(16)	M	mg/kg	0.4	< 0.4	1.1
BTEX					
Benzene	M	ug/kg	10	< 10.0	< 10.0
Toluene	M	ug/kg	10	< 10.0	< 10.0
Ethylbenzene	M	ug/kg	10	< 10.0	< 10.0
Xylenes	M	ug/kg	10	< 10.0	< 10.0
MTBE	U	ug/kg	10	< 10.0	< 10.0
TPH CWG					
>C5-C6 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01
>C6-C8 Aliphatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01
>C8-C10 Aliphatic (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	< 1.0
>C10-C12 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0
>C12-C16 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0
>C16-C21 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0
>C21-C35 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	1.8
>C35-C40 Aliphatic (EH_2D_AL)	M	mg/kg	1	< 1.0	< 1.0
Total aliphatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AL)	N	mg/kg	1	< 1.0	2.2
>C5-C7 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01
>C7-C8 Aromatic (HS_1D_MS)	N	mg/kg	0.01	< 0.01	< 0.01
>C8-C10 Aromatic (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	< 1.0
>C10-C12 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	< 1.0
>C12-C16 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	< 1.0
>C16-C21 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	< 1.0
>C21-C35 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	5.4
>C35-C40 Aromatic (EH_2D_AR)	M	mg/kg	1	< 1.0	1.7
Total aromatic hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_AR)	N	mg/kg	1	< 1.0	7.7
Total petroleum hydrocarbons (>C5 - C40) (HS_1D_MS+EH_2D_Total)	N	mg/kg	1	< 1.0	9.8

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Results Summary

Report No.: 22-40896, issue number 0

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #)
in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
281063	0.10	HP32	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
281064	0.10	HP35	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

Report No.: 22-40896, issue number 0

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Acid neutralisation capacity	N	Air dried sample	30/05/2022		
Extractable cations - BS3882	N	Air dried sample	30/05/2022		ICPMS
Visible Contaminants	N		27/05/2022		
Sulphide	N	As submitted sample	27/05/2022	109	Colorimetry
Hexavalent chromium	N	As submitted sample	27/05/2022	110	Colorimetry
pH	M	Air dried sample	01/06/2022	113	Electromeric
Electrical conductivity of soil	N	Air dried sample.	30/05/2022	114	Electromeric
Acid Soluble Sulphate	U	Air dried sample	01/06/2022	115	Ion Chromatography
Aqua regia extractable metals	M	Air dried sample	31/05/2022	118	ICPMS
Phenols in solids	N	As submitted sample	27/05/2022	121	HPLC
Elemental Sulphur	M	Air dried sample	31/05/2022	122	HPLC
Loss on ignition at 450 deg C	M	Air dried sample	01/06/2022	129	Gravimetry
PAH (GC-FID)	M	As submitted sample	27/05/2022	133	GC-FID
Extr. Phos	N	Air dried sample	30/05/2022	140	ICPMS
Water soluble anions	M	Air dried sample	29/05/2022	172	Ion Chromatography
Low range Aliphatic hydrocarbons soil	N	As submitted sample	30/05/2022	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	30/05/2022	181	GC-MS
BTEX in solids	M	As submitted sample	30/05/2022	181A	GC-MS
Water soluble boron	N	Air dried sample	31/05/2022	202	Colorimetry
Total cyanide	M	As submitted sample	27/05/2022	204	Colorimetry
Total organic carbon/Total sulphur	N	Air dried sample	30/05/2022	210	IR
TPH CWG soil by gc-gc	M	As submitted sample	26/05/2022	271	
Asbestos identification	U	Air dried sample	01/06/2022	280	Microscopy

Tests marked N are not UKAS accredited

Report Information

Report No.: 22-40896, issue number 0

Key

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S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"
LOD	LOD refers to limit of detection, except in the case of pH soils and pH waters where it means limit of discrimination.

Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.

ELAB are unable to provide an interpretation or opinion on the content of this report.

The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Unless otherwise stated, sample information has been provided by the client. This may affect the validity of the results.

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

Charges may apply to extended sample storage

TPH Classification - HWOL Acronym System

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	EH_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

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2683

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number:	22-41064
Issue:	Preliminary Report
Date of Issue:	10/06/2022
Contact:	Veronica Bennett
Customer Details:	GESL Unit 7 Danworth Farm Hurstpierpoint West SussexBN6 9GL
Quotation No:	Q22-02720
Order No:	5368
Customer Reference:	GE20620
Date Received:	01/06/2022
Date Approved:	Not Approved
Details:	Northwest Southwater
Approved by:	

Graham Knight, Lab Manager

Sample Summary

Report No.: 22-41064, issue number 0

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
282221	HP34 0.10	31/05/2022	01/06/2022	Sandy silty loam	

Results Summary

Report No.: 22-41064, issue number 0

ELAB Reference	282221
Customer Reference	
Sample ID	
Sample Type	SOIL
Sample Location	HP34
Sample Depth (m)	0.10
Sampling Date	31/05/2022

Determinand	Codes	Units	LOD	
Soil sample preparation parameters				
Moisture Content	N	%	0.1	9.2
Material removed	N	%	0.1	13.0
Description of Inert material removed	N		0	Stones
Metals				
Copper	M	mg/kg	5	17.6
Nickel	M	mg/kg	5	15.1
Zinc	M	mg/kg	5	48.6
Inorganics				
Carbonate	N	%	0.1	1.3
Miscellaneous				
Electrical Conductivity (CaSO4 extract)	N	uS/cm	50	1670
Carbon Nitrogen Ratio	N	ratio	0.1	24.4732
Loss on Ignition	M	%	0.01	7.09
pH	M	pH units	0.1	9.0
Density	N	g/ml	0	1.20
Total Carbon	N	%	0.01	4.1
Total Nitrogen	N	%	0.01	0.17
Extractable Potassium	N	mg/l	20	98
Extractable Magnesium	N	mg/l	20	110
Extractable Phosphate	N	mg/l	1	37
Sand content	NS	%	1	to follow
Silt content	NS	%	1	to follow
Clay content	NS	%	1	to follow
Stones > 2mm	NS	%	1	to follow
Stones > 20mm	NS	%	1	to follow
Stones > 50mm	NS	%	1	to follow
Total Visible Contaminants	N	%	0.01	< 0.01
Plastics	N	%	0.01	< 0.01
Sharps	N	n/kg	0	0

Method Summary

Report No.: 22-41064, issue number 0

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Acid neutralisation capacity	N	Air dried sample	09/06/2022		
Extractable cations - BS3882	N	Air dried sample	10/06/2022		ICPMS
Visible Contaminants	N		07/06/2022		
pH	M	Air dried sample	09/06/2022	113	Electromeric
Electrical conductivity of soil	N	Air dried sample.	10/06/2022	114	Electromeric
Aqua regia extractable metals	M	Air dried sample	09/06/2022	118	ICPMS
Loss on ignition at 450 deg C	M	Air dried sample	10/06/2022	129	Gravimetry
Extr. Phos	N	Air dried sample	10/06/2022	140	ICPMS

Tests marked N are not UKAS accredited

2683

Report Information

Report No.: 22-41064, issue number 0

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_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry

Waste Classification Report

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

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

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

P3N2I-P46IL-EDLO9

Job name

GE20620 Waste Soils Assessment

Description/Comments

Project

GE20620

Site

Northwest Southwater

Classified by

Name:
Shaun Armitage
Date:
06 Jun 2022 11:24 GMT
Telephone:

Company:
Geo-Environmental Services
Unit 7, Danworth Farm, Cuckfield Rd
Hurstpierpoint
BN6 9GL

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	Date
Hazardous Waste Classification	09 Jun 2022 *

* training course booked

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
31	WS18-0.10--10/05/2022	0.10	Non Hazardous		90
32	WS18-0.50--10/05/2022	0.50	Non Hazardous		93
33	WS19-0.10--10/05/2022	0.10	Non Hazardous		96
34	WS19-0.40--10/05/2022	0.40	Non Hazardous		99
35	WS19-0.60--10/05/2022	0.60	Non Hazardous		102
36	WS20-0.20--10/05/2022	0.20	Non Hazardous		105
37	WS20-0.60--10/05/2022	0.60	Non Hazardous		108
38	HP01-0.70--13/05/2022	0.70	Non Hazardous		111
39	HP02-0.70--13/05/2022	0.70	Non Hazardous		114
40	HP03-0.20--13/05/2022	0.20	Non Hazardous		117
41	HP05-0.20--13/05/2022	0.20	Non Hazardous		119
42	HP06-0.20--13/05/2022	0.20	Non Hazardous		121
43	HP08-0.20--13/05/2022	0.20	Non Hazardous		123
44	HP12-0.20--13/05/2022	0.20	Non Hazardous		125
45	WS01-0.10--13/05/2022	0.10	Non Hazardous		127
46	HP26-0.10--13/05/2022	0.10	Non Hazardous		130
47	HP32-0.10--25/05/2022	0.10	Non Hazardous		133
48	HP35-0.10--25/05/2022	0.10	Non Hazardous		136

Related documents

#	Name	Description
1	GE20620 hazwaste.batch	.batch file used to create the Job
2	HWOL_22-40573_20220606.HWOL	.hwol file used to create the Job
3	HWOL_22-40610_20220524.HWOL	.hwol file used to create the Job
4	HWOL_22-40761_20220527.HWOL	.hwol file used to create the Job
5	HWOL_22-40896_20220601.HWOL	.hwol file used to create the Job
6	Example waste stream template for contaminated soils	waste stream template used to create this Job

Report

Created by: Shaun Armitage

Created date: 06 Jun 2022 11:24 GMT

Classification of sample: HP04-0.20--12/05/2022

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

Sample details

Sample name:
HP04-0.20--12/05/2022
Sample Depth:
0.20 m
Moisture content:
12.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 12.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13.6 mg/kg	1.32	15.73 mg/kg	0.00157 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.9 mg/kg	3.22	2.539 mg/kg	0.000254 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	30.728 mg/kg	0.00307 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20.8 mg/kg	1.126	20.515 mg/kg	0.00205 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	36.3 mg/kg	1.56	49.6 mg/kg	0.00318 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17.2 mg/kg	2.976	44.844 mg/kg	0.00448 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61.2 mg/kg	2.774	148.725 mg/kg	0.0149 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		4.3 mg/kg		3.767 mg/kg	0.000377 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				7.9	pH		7.9	pH	7.9 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.3	mg/kg		0.263	mg/kg	0.0000263 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.2	mg/kg		0.175	mg/kg	0.0000175 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.1	mg/kg		0.0876	mg/kg	0.00000876 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.1	mg/kg		0.0876	mg/kg	0.00000876 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.1	mg/kg		0.0876	mg/kg	0.00000876 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.1	mg/kg		0.0876	mg/kg	0.00000876 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.1	mg/kg		0.0876	mg/kg	0.00000876 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.1	mg/kg		0.0876	mg/kg	0.00000876 %	✓	
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
39		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
40		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-043-00-6	210-168-9, 200-401-2,	58-89-9, 319-84-6, 319-85-7, 608-73-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			206-270-8, 206-271-3										
41		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		aldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
45		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-063-00-5	213-831-0	1024-57-3									
46		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
47		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
48		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-779-9	72-43-5									
49		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
50		vanadium { divanadium pentaoxide; vanadium pentoxide }				34.5	mg/kg	1.785	53.952	mg/kg	0.0054 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
51		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
										Total	0.0391 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00037%)

Classification of sample: HP10-0.20--12/05/2022

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

Sample details

Sample name:
HP10-0.20--12/05/2022
Sample Depth:
0.20 m
Moisture content:
9.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.8% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12	mg/kg	1.126	12.187	mg/kg	0.00122 %	✓	
2		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		9.4	mg/kg	2.976	25.235	mg/kg	0.00252 %	✓	
3		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		51.5	mg/kg	2.774	128.867	mg/kg	0.0129 %	✓	
4		pH			PH		7.4	pH		7.4	pH	7.4 pH		
5		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
6		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
7		hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
8		dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
9		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11		aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		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		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-784-6	72-55-9									
14		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-783-0	72-54-8									
15		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-779-9	72-43-5									
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0166 %		

Key

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

Classification of sample: HP11-0.20--12/05/2022

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

Sample details

Sample name:
HP11-0.20--12/05/2022
Sample Depth:
0.20 m
Moisture content:
9.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13.1 mg/kg	1.32	15.619 mg/kg	0.00156 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1.7 mg/kg	3.22	4.943 mg/kg	0.000494 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17.1 mg/kg	1.462	22.568 mg/kg	0.00226 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17.5 mg/kg	1.126	17.792 mg/kg	0.00178 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26 mg/kg	1.56	36.621 mg/kg	0.00235 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		13.3 mg/kg	2.976	35.745 mg/kg	0.00357 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57.1 mg/kg	2.774	143.039 mg/kg	0.0143 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		9.3 mg/kg		8.398 mg/kg	0.00084 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.2	pH		7.2	pH	7.2 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		0.2	mg/kg		0.181	mg/kg	0.0000181 %	✓	
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		1	mg/kg		0.903	mg/kg	0.0000903 %	✓	
26		anthracene		204-371-1	120-12-7		0.3	mg/kg		0.271	mg/kg	0.0000271 %	✓	
27		fluoranthene		205-912-4	206-44-0		3	mg/kg		2.709	mg/kg	0.000271 %	✓	
28		pyrene		204-927-3	129-00-0		2.5	mg/kg		2.258	mg/kg	0.000226 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.4	mg/kg		1.264	mg/kg	0.000126 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		1.7	mg/kg		1.535	mg/kg	0.000154 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		1.8	mg/kg		1.625	mg/kg	0.000163 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		2.1	mg/kg		1.896	mg/kg	0.00019 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.9	mg/kg		1.716	mg/kg	0.000172 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		1.3	mg/kg		1.174	mg/kg	0.000117 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.2	mg/kg		0.181	mg/kg	0.0000181 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		1.2	mg/kg		1.084	mg/kg	0.000108 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		23.4	mg/kg	1.785	37.721	mg/kg	0.00377 %	✓	
											Total:	0.0363 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00084%)

Classification of sample: HP15-0.20--12/05/2022

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

Sample details

Sample name:
HP15-0.20--12/05/2022
Sample Depth:
0.20 m
Moisture content:
9.5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11.7 mg/kg	1.32	13.98 mg/kg	0.0014 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22.9 mg/kg	1.462	30.29 mg/kg	0.00303 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15.3 mg/kg	1.126	15.59 mg/kg	0.00156 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	33.5 mg/kg	1.56	47.29 mg/kg	0.00303 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17.1 mg/kg	2.976	46.059 mg/kg	0.00461 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		72 mg/kg	2.774	180.763 mg/kg	0.0181 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		6.7 mg/kg		6.064 mg/kg	0.000606 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				6.7	pH		6.7	pH	6.7 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
39		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
40		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-043-00-6	210-168-9, 200-401-2,	58-89-9, 319-84-6, 319-85-7, 608-73-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			206-270-8, 206-271-3										
41		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		aldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
45		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-063-00-5	213-831-0	1024-57-3									
46		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
47		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
48		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-779-9	72-43-5									
49		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
50		vanadium { divanadium pentaoxide; vanadium pentoxide }				29.3	mg/kg	1.785	47.337	mg/kg	0.00473 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
51		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.041 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0006%)

Classification of sample: HP19-0.20--12/05/2022

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

Sample details

Sample name:
HP19-0.20--12/05/2022
Sample Depth:
0.20 m
Moisture content:
12.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 12.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.4 mg/kg	1.32	12.042 mg/kg	0.0012 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.9 mg/kg	3.22	2.541 mg/kg	0.000254 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21.2 mg/kg	1.462	27.174 mg/kg	0.00272 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17.1 mg/kg	1.126	16.885 mg/kg	0.00169 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	28.2 mg/kg	1.56	38.576 mg/kg	0.00247 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14.8 mg/kg	2.976	38.631 mg/kg	0.00386 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		65.8 mg/kg	2.774	160.087 mg/kg	0.016 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				6.7	pH		6.7	pH	6.7 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.2	mg/kg		0.175	mg/kg	0.0000175 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.1	mg/kg		0.0877	mg/kg	0.00000877 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
39		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
40		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-043-00-6	210-168-9, 200-401-2,	58-89-9, 319-84-6, 319-85-7, 608-73-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			206-270-8, 206-271-3										
41		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		aldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
45		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-063-00-5	213-831-0	1024-57-3									
46		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
47		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
48		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-779-9	72-43-5									
49		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
50		vanadium { divanadium pentaoxide; vanadium pentoxide }				27.8	mg/kg	1.785	43.524	mg/kg	0.00435 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
51		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0365 %		

Key

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

Classification of sample: HP20-0.20--12/05/2022

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

Sample details

Sample name:
HP20-0.20--12/05/2022
Sample Depth:
0.20 m
Moisture content:
10.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		10.1	mg/kg	1.126	10.189	mg/kg	0.00102 %	✓	
2	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		9.1	mg/kg	2.976	24.267	mg/kg	0.00243 %	✓	
3	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		46.6	mg/kg	2.774	115.831	mg/kg	0.0116 %	✓	
4	pH			PH		7.2	pH		7.2	pH	7.2 pH		
5	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
6	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
7	hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
8	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
9	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		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		p,p'-DDE											
			200-784-6	72-55-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
14		p,p'-DDD											
			200-783-0	72-54-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
15		p,p'-methoxychlor											
			200-779-9	72-43-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite											
		602-052-00-5	204-079-4	115-29-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
										Total:	0.015 %		

Key

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

Classification of sample: HP24-0.10--11/05/2022

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

Sample details

Sample name:
HP24-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
7.1%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.1% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.8 mg/kg	1.32	12.021 mg/kg	0.0012 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.6 mg/kg	3.22	1.795 mg/kg	0.000179 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19.5 mg/kg	1.462	26.477 mg/kg	0.00265 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		10.9 mg/kg	1.126	11.401 mg/kg	0.00114 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	20.3 mg/kg	1.56	29.416 mg/kg	0.00189 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		10.8 mg/kg	2.976	29.861 mg/kg	0.00299 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		53.1 mg/kg	2.774	136.848 mg/kg	0.0137 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		6.2 mg/kg		5.76 mg/kg	0.000576 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				6.9	pH		6.9	pH	6.9 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.2	mg/kg		0.186	mg/kg	0.0000186 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.1	mg/kg		0.0929	mg/kg	0.00000929 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
39		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
40		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-043-00-6	210-168-9, 200-401-2,	58-89-9, 319-84-6, 319-85-7, 608-73-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			206-270-8, 206-271-3										
41		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		aldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
45		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-063-00-5	213-831-0	1024-57-3									
46		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
47		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
48		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-779-9	72-43-5									
49		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
50		vanadium { divanadium pentaoxide; vanadium pentoxide }				23.6	mg/kg	1.785	39.139	mg/kg	0.00391 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
51		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.032 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00057%)

Classification of sample: HP26-0.10--11/05/2022

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

Sample details

Sample name:
HP26-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
10.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.2 mg/kg	1.32	9.657 mg/kg	0.000966 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.01 mg/kg	0.000201 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20.4 mg/kg	1.462	26.596 mg/kg	0.00266 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13.1 mg/kg	1.126	13.156 mg/kg	0.00132 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	22.5 mg/kg	1.56	31.305 mg/kg	0.00201 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12.4 mg/kg	2.976	32.92 mg/kg	0.00329 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57.2 mg/kg	2.774	141.544 mg/kg	0.0142 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		11.6 mg/kg		10.347 mg/kg	0.00103 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.4	pH		6.4	pH	6.4 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.1	mg/kg		0.0892	mg/kg	0.00000892 %	✓	
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		28.6	mg/kg	1.785	45.542	mg/kg	0.00455 %	✓	
											Total	0.034 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00103%)

Classification of sample: HP27-0.10--10/05/2022

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

Sample details

Sample name:
HP27-0.10--10/05/2022
Sample Depth:
0.10 m
Moisture content:
9.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4.6 mg/kg	1.32	5.49 mg/kg	0.000549 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11.1 mg/kg	1.462	14.666 mg/kg	0.00147 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		8.2 mg/kg	1.126	8.346 mg/kg	0.000835 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	14.4 mg/kg	1.56	20.305 mg/kg	0.0013 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		7.3 mg/kg	2.976	19.641 mg/kg	0.00196 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		33.2 mg/kg	2.774	83.26 mg/kg	0.00833 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				6.3	pH		6.3	pH	6.3 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
39		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
40		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-043-00-6	210-168-9, 200-401-2,	58-89-9, 319-84-6, 319-85-7, 608-73-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			206-270-8, 206-271-3										
41		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		aldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
45		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-063-00-5	213-831-0	1024-57-3									
46		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
47		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
48		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-779-9	72-43-5									
49		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
50		vanadium { divanadium pentaoxide; vanadium pentoxide }				15.3	mg/kg	1.785	24.691	mg/kg	0.00247 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
51		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
										Total	0.021 %		

Key

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

Classification of sample: HP29-0.10--11/05/2022

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

Sample details

Sample name:
HP29-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
8.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23.7 mg/kg	1.32	28.569 mg/kg	0.00286 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1 mg/kg	2.775	2.534 mg/kg	0.000253 %	✓	
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33.2 mg/kg	1.462	44.302 mg/kg	0.00443 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23.5 mg/kg	1.126	24.156 mg/kg	0.00242 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37.8 mg/kg	1.56	53.831 mg/kg	0.00345 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		16.6 mg/kg	2.976	45.108 mg/kg	0.00451 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		83.1 mg/kg	2.774	210.475 mg/kg	0.021 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				5	pH		5	pH	5pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
39		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
40		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-043-00-6	210-168-9, 200-401-2,	58-89-9, 319-84-6, 319-85-7, 608-73-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			206-270-8, 206-271-3										
41		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		aldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
45		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-063-00-5	213-831-0	1024-57-3									
46		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
47		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
48		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-779-9	72-43-5									
49		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
50		vanadium { divanadium pentaoxide; vanadium pentoxide }				43.1	mg/kg	1.785	70.248	mg/kg	0.00702 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
51		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0498 %		

Key

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

Classification of sample: HP30-0.00--10/05/2022

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

Sample details

Sample name:
HP30-0.00--10/05/2022
Sample Depth:
0.00 m
Moisture content:
8.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12.8	mg/kg	1.126	13.201	mg/kg	0.00132 %	✓	
2	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		11.1	mg/kg	2.976	30.261	mg/kg	0.00303 %	✓	
3	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		52.1	mg/kg	2.774	132.392	mg/kg	0.0132 %	✓	
4	pH			PH		5.6	pH		5.6	pH	5.6 pH		
5	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
6	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
7	hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
8	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
9	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
10	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
11	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
12	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**

#		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		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-784-6	72-55-9									
14		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-783-0	72-54-8									
15		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-779-9	72-43-5									
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0176 %		

Key

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

Classification of sample: HP31-0.10--10/05/2022

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

Sample details

Sample name:
HP31-0.10--10/05/2022
Sample Depth:
0.10 m
Moisture content:
11.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18.2 mg/kg	1.32	21.315 mg/kg	0.00213 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31.2 mg/kg	1.462	40.448 mg/kg	0.00404 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23 mg/kg	1.126	22.969 mg/kg	0.0023 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34.2 mg/kg	1.56	47.318 mg/kg	0.00303 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17.4 mg/kg	2.976	45.935 mg/kg	0.00459 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66.5 mg/kg	2.774	163.634 mg/kg	0.0164 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		3 mg/kg		2.661 mg/kg	0.000266 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				6.5	pH		6.5	pH	6.5 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
39		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
40		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-043-00-6	210-168-9, 200-401-2,	58-89-9, 319-84-6, 319-85-7, 608-73-1									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
			206-270-8, 206-271-3										
41		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
42		endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-051-00-X	200-775-7	72-20-8									
43		heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-046-00-2	200-962-3	76-44-8									
44		aldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-048-00-3	206-215-8	309-00-2									
45		heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-063-00-5	213-831-0	1024-57-3									
46		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
47		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
48		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-779-9	72-43-5									
49		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
50		vanadium { divanadium pentaoxide; vanadium pentoxide }				36.7	mg/kg	1.785	58.113	mg/kg	0.00581 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
51		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0425 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00026%)

Classification of sample: WS02-0.10--12/05/2022

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

Sample details

Sample name:
WS02-0.10--12/05/2022
Sample Depth:
0.10 m
Moisture content:
7.5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.9 mg/kg	1.32	13.312 mg/kg	0.00133 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	31.095 mg/kg	0.00311 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		13.5 mg/kg	1.126	14.06 mg/kg	0.00141 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21.2 mg/kg	1.56	30.588 mg/kg	0.00196 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14.7 mg/kg	2.976	40.47 mg/kg	0.00405 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54.3 mg/kg	2.774	139.338 mg/kg	0.0139 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.3	pH		6.3	pH	6.3 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		33.7	mg/kg	1.785	55.649	mg/kg	0.00556 %	✓	
											Total:	0.0354 %		

Key

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

Classification of sample: WS02-0.50--12/05/2022

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

Sample details

Sample name:
WS02-0.50--12/05/2022
Sample Depth:
0.50 m
Moisture content:
8.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		8.9 mg/kg	1.32	10.776 mg/kg	0.00108 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25.2 mg/kg	1.462	33.774 mg/kg	0.00338 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19.9 mg/kg	1.126	20.546 mg/kg	0.00205 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30.8 mg/kg	1.56	44.055 mg/kg	0.00282 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26.3 mg/kg	2.976	71.779 mg/kg	0.00718 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		67.8 mg/kg	2.774	172.476 mg/kg	0.0172 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.7	pH		6.7	pH	6.7 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		31.3	mg/kg	1.785	51.239	mg/kg	0.00512 %	✓	
											Total:	0.0429 %		

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

Classification of sample: WS03-0.10--12/05/2022

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

Sample details

Sample name:
WS03-0.10--12/05/2022
Sample Depth:
0.10 m
Moisture content:
9.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.3 mg/kg	1.32	12.28 mg/kg	0.00123 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21.7 mg/kg	1.462	28.639 mg/kg	0.00286 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12.6 mg/kg	1.126	12.81 mg/kg	0.00128 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21.5 mg/kg	1.56	30.283 mg/kg	0.00194 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14.6 mg/kg	2.976	39.238 mg/kg	0.00392 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		51.9 mg/kg	2.774	130.012 mg/kg	0.013 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.3	pH		6.3	pH	6.3 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.8	mg/kg		0.722	mg/kg	0.0000722 %	✓	
22		acenaphthylene		205-917-1	208-96-8		0.8	mg/kg		0.722	mg/kg	0.0000722 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
24		fluorene		201-695-5	86-73-7		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
26		anthracene		204-371-1	120-12-7		0.8	mg/kg		0.722	mg/kg	0.0000722 %	✓	
27		fluoranthene		205-912-4	206-44-0		1.1	mg/kg		0.993	mg/kg	0.0000993 %	✓	
28		pyrene		204-927-3	129-00-0		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.8	mg/kg		0.722	mg/kg	0.0000722 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.8	mg/kg		0.722	mg/kg	0.0000722 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.9	mg/kg		0.813	mg/kg	0.0000813 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.7	mg/kg		0.632	mg/kg	0.0000632 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		1	mg/kg		0.903	mg/kg	0.0000903 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		32.6	mg/kg	1.785	52.552	mg/kg	0.00526 %	✓	
											Total:	0.0347 %		

Key

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

Classification of sample: WS03-0.40--12/05/2022

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

Sample details

Sample name:
WS03-0.40--12/05/2022
Sample Depth:
0.40 m
Moisture content:
8.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.7	mg/kg	1.32	6.856	mg/kg	0.000686 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1	mg/kg	2.775	<2.775	mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1.4	mg/kg	3.22	4.107	mg/kg	0.000411 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19.9	mg/kg	1.462	26.496	mg/kg	0.00265 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17.2	mg/kg	1.126	17.642	mg/kg	0.00176 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	77	mg/kg	1.56	109.416	mg/kg	0.00701 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17.2	mg/kg	2.976	46.636	mg/kg	0.00466 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		67.2	mg/kg	2.774	169.831	mg/kg	0.017 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.8	pH		6.8	pH	6.8 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.5	mg/kg		0.455	mg/kg	0.0000455 %	✓	
22		acenaphthylene		205-917-1	208-96-8		0.5	mg/kg		0.455	mg/kg	0.0000455 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
24		fluorene		201-695-5	86-73-7		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
26		anthracene		204-371-1	120-12-7		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.5	mg/kg		0.455	mg/kg	0.0000455 %	✓	
28		pyrene		204-927-3	129-00-0		0.5	mg/kg		0.455	mg/kg	0.0000455 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.5	mg/kg		0.455	mg/kg	0.0000455 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.5	mg/kg		0.455	mg/kg	0.0000455 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.3	mg/kg		0.273	mg/kg	0.0000273 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		22.8	mg/kg	1.785	37.08	mg/kg	0.00371 %	✓	
											Total:	0.0422 %		

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

Classification of sample: WS03-1.30--12/05/2022

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

Sample details

Sample name:
WS03-1.30--12/05/2022
Sample Depth:
1.30 m
Moisture content:
11.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.1 mg/kg	1.32	11.762 mg/kg	0.00118 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1 mg/kg	3.22	2.84 mg/kg	0.000284 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21.4 mg/kg	1.462	27.587 mg/kg	0.00276 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		10.3 mg/kg	1.126	10.228 mg/kg	0.00102 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	17.9 mg/kg	1.56	24.626 mg/kg	0.00158 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		13.1 mg/kg	2.976	34.388 mg/kg	0.00344 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61.7 mg/kg	2.774	150.967 mg/kg	0.0151 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				7.3	pH		7.3	pH	7.3 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
39		vanadium { divanadium pentaoxide; vanadium pentoxide }				30.7	mg/kg	1.785	48.338	mg/kg	0.00483 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.0341 %		

Key

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

Classification of sample: WS04-0.10--12/05/2022

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

Sample details

Sample name:
WS04-0.10--12/05/2022
Sample Depth:
0.10 m
Moisture content:
4.2%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 4.2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11.8 mg/kg	1.32	14.925 mg/kg	0.00149 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22.3 mg/kg	1.462	31.224 mg/kg	0.00312 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21.2 mg/kg	1.126	22.866 mg/kg	0.00229 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	89.8 mg/kg	1.56	134.188 mg/kg	0.0086 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19.1 mg/kg	2.976	54.459 mg/kg	0.00545 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		146 mg/kg	2.774	388.014 mg/kg	0.0388 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		64.6 mg/kg		61.887 mg/kg	0.00619 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		**<LOD**
20		pH			PH		7.4	pH		7.4	pH	7.4 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		**<LOD**
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		**<LOD**
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		**<LOD**
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		**<LOD**
25		phenanthrene		201-581-5	85-01-8		0.2	mg/kg		0.192	mg/kg	0.0000192 %	✓	
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		**<LOD**
27		fluoranthene		205-912-4	206-44-0		0.6	mg/kg		0.575	mg/kg	0.0000575 %	✓	
28		pyrene		204-927-3	129-00-0		0.5	mg/kg		0.479	mg/kg	0.0000479 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.3	mg/kg		0.287	mg/kg	0.0000287 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.4	mg/kg		0.383	mg/kg	0.0000383 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.7	mg/kg		0.671	mg/kg	0.0000671 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.7	mg/kg		0.671	mg/kg	0.0000671 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.5	mg/kg		0.479	mg/kg	0.0000479 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.5	mg/kg		0.479	mg/kg	0.0000479 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.2	mg/kg		0.192	mg/kg	0.0000192 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.5	mg/kg		0.479	mg/kg	0.0000479 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		**<LOD**
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		**<LOD**
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		30.9	mg/kg	1.785	52.845	mg/kg	0.00528 %	✓	
											Total:	0.0756 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00619%)

Classification of sample: WS05-0.10--12/05/2022

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

Sample details

Sample name:
WS05-0.10--12/05/2022
Sample Depth:
0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15.4 mg/kg	1.32	18.3 mg/kg	0.00183 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21.6 mg/kg	1.462	28.413 mg/kg	0.00284 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23.2 mg/kg	1.126	23.509 mg/kg	0.00235 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	35 mg/kg	1.56	49.134 mg/kg	0.00315 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23.4 mg/kg	2.976	62.68 mg/kg	0.00627 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		147 mg/kg	2.774	367.02 mg/kg	0.0367 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		11.4 mg/kg		10.26 mg/kg	0.00103 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				7.6	pH		7.6	pH	7.6 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.2	mg/kg		0.18	mg/kg	0.000018 %	✓	
			205-912-4	206-44-0									
28		pyrene				0.1	mg/kg		0.09	mg/kg	0.000009 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
39		vanadium { divanadium pentaoxide; vanadium pentoxide }				23.9	mg/kg	1.785	38.399	mg/kg	0.00384 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total	0.062 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00103%)

Classification of sample: WS06-0.10--12/05/2022

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

Sample details

Sample name:
WS06-0.10--12/05/2022
Sample Depth:
0.10 m
Moisture content:
9.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		2.8	mg/kg	1.32	3.353	mg/kg	0.000335 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1	mg/kg	2.775	<2.775	mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.4	mg/kg	1.462	8.484	mg/kg	0.000848 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		5.5	mg/kg	1.126	5.616	mg/kg	0.000562 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12.1	mg/kg	1.56	17.119	mg/kg	0.0011 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		5.3	mg/kg	2.976	14.307	mg/kg	0.00143 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		29.3	mg/kg	2.774	73.723	mg/kg	0.00737 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		2.7	mg/kg		2.449	mg/kg	0.000245 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.2	pH		8.2	pH	8.2 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.2	mg/kg		0.181	mg/kg	0.0000181 %	✓	
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.0907	mg/kg	0.00000907 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		6.8	mg/kg	1.785	11.01	mg/kg	0.0011 %	✓	
											Total:	0.017 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00024%)

Classification of sample: WS07-0.10--12/05/2022

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

Sample details

Sample name:
WS07-0.10--12/05/2022
Sample Depth:
0.10 m
Moisture content:
10.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		3.6	mg/kg	1.32	4.245	mg/kg	0.000424 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1	mg/kg	2.775	<2.775	mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.4	mg/kg	1.462	9.658	mg/kg	0.000966 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		6.1	mg/kg	1.126	6.133	mg/kg	0.000613 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	12.2	mg/kg	1.56	16.994	mg/kg	0.00109 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		5.7	mg/kg	2.976	15.149	mg/kg	0.00151 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		29.3	mg/kg	2.774	72.585	mg/kg	0.00726 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		7	mg/kg		6.251	mg/kg	0.000625 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<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									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
18		xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
20		pH				8.2	pH		8.2	pH	8.2 pH		
				PH									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.9	mg/kg		0.804	mg/kg	0.0000804 %	✓	
			201-581-5	85-01-8									
26		anthracene				0.2	mg/kg		0.179	mg/kg	0.0000179 %	✓	
			204-371-1	120-12-7									
27		fluoranthene				2.4	mg/kg		2.143	mg/kg	0.000214 %	✓	
			205-912-4	206-44-0									
28		pyrene				1.8	mg/kg		1.607	mg/kg	0.000161 %	✓	
			204-927-3	129-00-0									
29		benzo[a]anthracene				1.1	mg/kg		0.982	mg/kg	0.0000982 %	✓	
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				1.3	mg/kg		1.161	mg/kg	0.000116 %	✓	
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1.1	mg/kg		0.982	mg/kg	0.0000982 %	✓	
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				1.2	mg/kg		1.072	mg/kg	0.000107 %	✓	
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1.2	mg/kg		1.072	mg/kg	0.000107 %	✓	
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.8	mg/kg		0.714	mg/kg	0.0000714 %	✓	
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.2	mg/kg		0.179	mg/kg	0.0000179 %	✓	
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.8	mg/kg		0.714	mg/kg	0.0000714 %	✓	
			205-883-8	191-24-2									
37		phenol				<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		sulfur { sulfur }				<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
		016-094-00-1	231-722-6	7704-34-9									
39		vanadium { divanadium pentaoxide; vanadium pentoxide }				9.2	mg/kg	1.785	14.666	mg/kg	0.00147 %	✓	
		023-001-00-8	215-239-8	1314-62-1									
										Total:	0.019 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00062%)

Classification of sample: WS08-0.10--11/05/2022

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

Sample details

Sample name:
WS08-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
8.1%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.9	mg/kg	1.32	13.226	mg/kg	0.00132 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1	mg/kg	2.775	<2.775	mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17.8	mg/kg	1.462	23.908	mg/kg	0.00239 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16.8	mg/kg	1.126	17.383	mg/kg	0.00174 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	39.7	mg/kg	1.56	56.909	mg/kg	0.00365 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		13.1	mg/kg	2.976	35.831	mg/kg	0.00358 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		60.2	mg/kg	2.774	153.476	mg/kg	0.0153 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		8.5	mg/kg		7.812	mg/kg	0.000781 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.6	pH		7.6	pH	7.6 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.6	mg/kg		0.551	mg/kg	0.0000551 %	✓	
26		anthracene		204-371-1	120-12-7		0.2	mg/kg		0.184	mg/kg	0.0000184 %	✓	
27		fluoranthene		205-912-4	206-44-0		1.5	mg/kg		1.379	mg/kg	0.000138 %	✓	
28		pyrene		204-927-3	129-00-0		1.1	mg/kg		1.011	mg/kg	0.000101 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.6	mg/kg		0.551	mg/kg	0.0000551 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.7	mg/kg		0.643	mg/kg	0.0000643 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.6	mg/kg		0.551	mg/kg	0.0000551 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.7	mg/kg		0.643	mg/kg	0.0000643 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.6	mg/kg		0.551	mg/kg	0.0000551 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.4	mg/kg		0.368	mg/kg	0.0000368 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.0919	mg/kg	0.00000919 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.5	mg/kg		0.46	mg/kg	0.0000459 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		23.7	mg/kg	1.785	38.882	mg/kg	0.00389 %	✓	
											Total:	0.0372 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00078%)

Classification of sample: WS09-0.10--11/05/2022

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

Sample details

Sample name:
WS09-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12.1 mg/kg	1.32	14.698 mg/kg	0.00147 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18.9 mg/kg	1.462	25.414 mg/kg	0.00254 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15.5 mg/kg	1.126	16.055 mg/kg	0.00161 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	23.3 mg/kg	1.56	33.436 mg/kg	0.00214 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14.8 mg/kg	2.976	40.525 mg/kg	0.00405 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57.2 mg/kg	2.774	145.987 mg/kg	0.0146 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.5	pH		7.5	pH	7.5 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.2	mg/kg		0.184	mg/kg	0.0000184 %	✓	
28		pyrene		204-927-3	129-00-0		0.1	mg/kg		0.092	mg/kg	0.0000092 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		25.6	mg/kg	1.785	42.045	mg/kg	0.0042 %	✓	
											Total	0.0347 %		

Key

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

Classification of sample: WS10-1.00--11/05/2022

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

Sample details

Sample name:
WS10-1.00--11/05/2022
Sample Depth:
1.00 m
Moisture content:
8.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12.3 mg/kg	1.32	14.827 mg/kg	0.00148 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23.2 mg/kg	1.462	30.958 mg/kg	0.0031 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18.7 mg/kg	1.126	19.222 mg/kg	0.00192 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	30.2 mg/kg	1.56	43.008 mg/kg	0.00276 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15.2 mg/kg	2.976	41.303 mg/kg	0.00413 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		69.3 mg/kg	2.774	175.523 mg/kg	0.0176 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.5	pH		7.5	pH	7.5 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		33.4	mg/kg	1.785	54.438	mg/kg	0.00544 %	✓	
											Total:	0.0404 %		

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

Classification of sample: WS11-0.10--11/05/2022

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

Sample details

Sample name:
WS11-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
9.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.5 mg/kg	1.32	12.491 mg/kg	0.00125 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21.2 mg/kg	1.462	27.917 mg/kg	0.00279 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15.9 mg/kg	1.126	16.129 mg/kg	0.00161 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26.9 mg/kg	1.56	37.805 mg/kg	0.00242 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12.2 mg/kg	2.976	32.716 mg/kg	0.00327 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		63.8 mg/kg	2.774	159.468 mg/kg	0.0159 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.2	pH		7.2	pH	7.2 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		31.1	mg/kg	1.785	50.023	mg/kg	0.005 %	✓	
											Total:	0.0364 %		

Key

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

Classification of sample: WS12-0.10--11/05/2022

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

Sample details

Sample name:
WS12-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
8.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.6% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12.5 mg/kg	1.32	15.085 mg/kg	0.00151 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20.2 mg/kg	1.462	26.984 mg/kg	0.0027 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		15.8 mg/kg	1.126	16.259 mg/kg	0.00163 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27.2 mg/kg	1.56	38.778 mg/kg	0.00249 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		13.9 mg/kg	2.976	37.812 mg/kg	0.00378 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		67 mg/kg	2.774	169.883 mg/kg	0.017 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.9	pH		6.9	pH	6.9 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
28		pyrene		204-927-3	129-00-0		0.1	mg/kg		0.0914	mg/kg	0.00000914 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		28.4	mg/kg	1.785	46.339	mg/kg	0.00463 %	✓	
											Total:	0.0378 %		

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

Classification of sample: WS13-0.10--11/05/2022

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

Sample details

Sample name:
WS13-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
9.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.1 mg/kg	1.32	10.837 mg/kg	0.00108 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18.1 mg/kg	1.462	23.862 mg/kg	0.00239 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		12.8 mg/kg	1.126	12.999 mg/kg	0.0013 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26.2 mg/kg	1.56	36.862 mg/kg	0.00236 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		10.7 mg/kg	2.976	28.725 mg/kg	0.00287 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		42.8 mg/kg	2.774	107.098 mg/kg	0.0107 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.9	pH		6.9	pH	6.9 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		0.5	mg/kg		0.451	mg/kg	0.0000451 %	✓	
22		acenaphthylene		205-917-1	208-96-8		0.6	mg/kg		0.541	mg/kg	0.0000541 %	✓	
23		acenaphthene		201-469-6	83-32-9		0.5	mg/kg		0.451	mg/kg	0.0000451 %	✓	
24		fluorene		201-695-5	86-73-7		0.6	mg/kg		0.541	mg/kg	0.0000541 %	✓	
25		phenanthrene		201-581-5	85-01-8		0.6	mg/kg		0.541	mg/kg	0.0000541 %	✓	
26		anthracene		204-371-1	120-12-7		0.6	mg/kg		0.541	mg/kg	0.0000541 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.7	mg/kg		0.631	mg/kg	0.0000631 %	✓	
28		pyrene		204-927-3	129-00-0		0.7	mg/kg		0.631	mg/kg	0.0000631 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.6	mg/kg		0.541	mg/kg	0.0000541 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.6	mg/kg		0.541	mg/kg	0.0000541 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.7	mg/kg		0.631	mg/kg	0.0000631 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.8	mg/kg		0.722	mg/kg	0.0000722 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.7	mg/kg		0.631	mg/kg	0.0000631 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.6	mg/kg		0.541	mg/kg	0.0000541 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.5	mg/kg		0.451	mg/kg	0.0000451 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.7	mg/kg		0.631	mg/kg	0.0000631 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		27.4	mg/kg	1.785	44.12	mg/kg	0.00441 %	✓	
											Total:	0.0299 %		

Key

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

Classification of sample: WS14-0.10--11/05/2022

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

Sample details

Sample name:
WS14-0.10--11/05/2022
Sample Depth:
0.10 m
Moisture content:
9.5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.5	mg/kg	1.32	11.351	mg/kg	0.00114 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1	mg/kg	2.775	<2.775	mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22.2	mg/kg	1.462	29.364	mg/kg	0.00294 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14.6	mg/kg	1.126	14.876	mg/kg	0.00149 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26	mg/kg	1.56	36.702	mg/kg	0.00235 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14.1	mg/kg	2.976	37.979	mg/kg	0.0038 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		61.2	mg/kg	2.774	153.649	mg/kg	0.0154 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.4	pH		6.4	pH	6.4 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		31.6	mg/kg	1.785	51.053	mg/kg	0.00511 %	✓	
											Total:	0.0362 %		

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

Classification of sample: WS15-0.10--10/05/2022

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

Sample details

Sample name:
WS15-0.10--10/05/2022
Sample Depth:
0.10 m
Moisture content:
8.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.6% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12.5 mg/kg	1.32	15.085 mg/kg	0.00151 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.8 mg/kg	3.22	2.354 mg/kg	0.000235 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18.5 mg/kg	1.462	24.713 mg/kg	0.00247 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20.5 mg/kg	1.126	21.096 mg/kg	0.00211 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	38.1 mg/kg	1.56	54.318 mg/kg	0.00348 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19.7 mg/kg	2.976	53.59 mg/kg	0.00536 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		78.4 mg/kg	2.774	198.789 mg/kg	0.0199 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		11.5 mg/kg		10.511 mg/kg	0.00105 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.1	pH		7.1	pH	7.1 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.3	mg/kg		0.274	mg/kg	0.0000274 %	✓	
28		pyrene		204-927-3	129-00-0		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.0914	mg/kg	0.00000914 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.2	mg/kg		0.183	mg/kg	0.0000183 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		23.5	mg/kg	1.785	38.344	mg/kg	0.00383 %	✓	
											Total:	0.0438 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS16-0.10--10/05/2022

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

Sample details

Sample name:
WS16-0.10--10/05/2022
Sample Depth:
0.10 m
Moisture content:
9.1%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.1% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11.1 mg/kg	1.32	13.322 mg/kg	0.00133 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22.4 mg/kg	1.462	29.76 mg/kg	0.00298 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20.4 mg/kg	1.126	20.878 mg/kg	0.00209 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37.6 mg/kg	1.56	53.312 mg/kg	0.00342 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		19.9 mg/kg	2.976	53.838 mg/kg	0.00538 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		69.9 mg/kg	2.774	176.267 mg/kg	0.0176 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		45.1 mg/kg		40.996 mg/kg	0.0041 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7	pH		7	pH	7pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.3	mg/kg		0.273	mg/kg	0.0000273 %	✓	
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.9	mg/kg		0.818	mg/kg	0.0000818 %	✓	
28		pyrene		204-927-3	129-00-0		0.7	mg/kg		0.636	mg/kg	0.0000636 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.3	mg/kg		0.273	mg/kg	0.0000273 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.4	mg/kg		0.364	mg/kg	0.0000364 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.0909	mg/kg	0.00000909 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.3	mg/kg		0.273	mg/kg	0.0000273 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		40.3	mg/kg	1.785	65.396	mg/kg	0.00654 %	✓	
											Total:	0.0477 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0041%)

Classification of sample: WS18-0.10--10/05/2022

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

Sample details

Sample name:
WS18-0.10--10/05/2022
Sample Depth:
0.10 m
Moisture content:
8.5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.6 mg/kg	1.32	12.806 mg/kg	0.00128 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20.6 mg/kg	1.462	27.549 mg/kg	0.00275 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30.3 mg/kg	1.126	31.215 mg/kg	0.00312 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	133 mg/kg	1.56	189.822 mg/kg	0.0122 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		16.8 mg/kg	2.976	45.751 mg/kg	0.00458 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		117 mg/kg	2.774	296.986 mg/kg	0.0297 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		30.5 mg/kg		27.908 mg/kg	0.00279 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		7.4	pH		7.4	pH	7.4 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.3	mg/kg		0.274	mg/kg	0.0000274 %	✓	
26		anthracene		204-371-1	120-12-7		0.1	mg/kg		0.0915	mg/kg	0.00000915 %	✓	
27		fluoranthene		205-912-4	206-44-0		0.9	mg/kg		0.824	mg/kg	0.0000824 %	✓	
28		pyrene		204-927-3	129-00-0		0.8	mg/kg		0.732	mg/kg	0.0000732 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.5	mg/kg		0.458	mg/kg	0.0000457 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.5	mg/kg		0.458	mg/kg	0.0000457 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.7	mg/kg		0.641	mg/kg	0.0000641 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.7	mg/kg		0.641	mg/kg	0.0000641 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.8	mg/kg		0.732	mg/kg	0.0000732 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.7	mg/kg		0.641	mg/kg	0.0000641 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.0915	mg/kg	0.00000915 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.6	mg/kg		0.549	mg/kg	0.0000549 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		29.8	mg/kg	1.785	48.677	mg/kg	0.00487 %	✓	
											Total:	0.0657 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00279%)

Classification of sample: WS18-0.50--10/05/2022

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

Sample details

Sample name:
WS18-0.50--10/05/2022
Sample Depth:
0.50 m
Moisture content:
6.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15.9	mg/kg	1.32	19.65	mg/kg	0.00196 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.1	mg/kg	2.775	2.857	mg/kg	0.000286 %	✓	
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29.2	mg/kg	1.462	39.946	mg/kg	0.00399 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37.9	mg/kg	1.126	39.94	mg/kg	0.00399 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	148	mg/kg	1.56	216.078	mg/kg	0.0139 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27.6	mg/kg	2.976	76.888	mg/kg	0.00769 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		165	mg/kg	2.774	428.439	mg/kg	0.0428 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		53.3	mg/kg		49.889	mg/kg	0.00499 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.5	pH		8.5	pH	8.5 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.4	mg/kg		0.374	mg/kg	0.0000374 %	✓	
26		anthracene		204-371-1	120-12-7		0.2	mg/kg		0.187	mg/kg	0.0000187 %	✓	
27		fluoranthene		205-912-4	206-44-0		1.2	mg/kg		1.123	mg/kg	0.000112 %	✓	
28		pyrene		204-927-3	129-00-0		1.1	mg/kg		1.03	mg/kg	0.000103 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.6	mg/kg		0.562	mg/kg	0.0000562 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.7	mg/kg		0.655	mg/kg	0.0000655 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		1.1	mg/kg		1.03	mg/kg	0.000103 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.1	mg/kg		1.03	mg/kg	0.000103 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1	mg/kg		0.936	mg/kg	0.0000936 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		1.1	mg/kg		1.03	mg/kg	0.000103 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.5	mg/kg		0.468	mg/kg	0.0000468 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		0.2	mg/kg		0.187	mg/kg	0.0000187 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		40.2	mg/kg	1.785	67.172	mg/kg	0.00672 %	✓	
											Total:	0.0907 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00499%)

Classification of sample: WS19-0.10--10/05/2022

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

Sample details

Sample name:
WS19-0.10--10/05/2022
Sample Depth:
0.10 m
Moisture content:
5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13.3	mg/kg	1.32	16.682	mg/kg	0.00167 %	✓	
2		beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.1	mg/kg	2.775	2.9	mg/kg	0.00029 %	✓	
3		boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
4		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28.3	mg/kg	1.462	39.294	mg/kg	0.00393 %	✓	
6		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35.3	mg/kg	1.126	37.757	mg/kg	0.00378 %	✓	
8		lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	105	mg/kg	1.56	155.592	mg/kg	0.00997 %	✓	
9		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		25.4	mg/kg	2.976	71.817	mg/kg	0.00718 %	✓	
11		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12		zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		115	mg/kg	2.774	303.076	mg/kg	0.0303 %	✓	
13		TPH (C6 to C40) petroleum group			TPH		27.3	mg/kg		25.935	mg/kg	0.00259 %	✓	
14		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		10.6	pH		10.6	pH	10.6 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		0.2	mg/kg		0.19	mg/kg	0.000019 %	✓	
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.8	mg/kg		0.76	mg/kg	0.000076 %	✓	
26		anthracene		204-371-1	120-12-7		0.3	mg/kg		0.285	mg/kg	0.0000285 %	✓	
27		fluoranthene		205-912-4	206-44-0		1.5	mg/kg		1.425	mg/kg	0.000143 %	✓	
28		pyrene		204-927-3	129-00-0		1.3	mg/kg		1.235	mg/kg	0.000124 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.8	mg/kg		0.76	mg/kg	0.000076 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.9	mg/kg		0.855	mg/kg	0.0000855 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		1.3	mg/kg		1.235	mg/kg	0.000124 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.4	mg/kg		1.33	mg/kg	0.000133 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.4	mg/kg		1.33	mg/kg	0.000133 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		1.2	mg/kg		1.14	mg/kg	0.000114 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.2	mg/kg		0.19	mg/kg	0.000019 %	✓	
36		benzo[ghi]perylene		205-883-8	191-24-2		1.1	mg/kg		1.045	mg/kg	0.000105 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		38.5	mg/kg	1.785	65.293	mg/kg	0.00653 %	✓	
											Total:	0.071 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00259%)

Classification of sample: WS19-0.40--10/05/2022

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

Sample details

Sample name:
WS19-0.40--10/05/2022
Sample Depth:
0.40 m
Moisture content:
7.2%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	14.703 mg/kg	0.00147 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23.7 mg/kg	1.462	32.145 mg/kg	0.00321 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		31.1 mg/kg	1.126	32.494 mg/kg	0.00325 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	91.5 mg/kg	1.56	132.447 mg/kg	0.00849 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		22.1 mg/kg	2.976	61.04 mg/kg	0.0061 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		104 mg/kg	2.774	267.738 mg/kg	0.0268 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		37.6 mg/kg		34.893 mg/kg	0.00349 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		9.5	pH		9.5	pH	9.5 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.3	mg/kg		0.278	mg/kg	0.0000278 %	✓	
26		anthracene		204-371-1	120-12-7		0.1	mg/kg		0.0928	mg/kg	0.00000928 %	✓	
27		fluoranthene		205-912-4	206-44-0		1	mg/kg		0.928	mg/kg	0.0000928 %	✓	
28		pyrene		204-927-3	129-00-0		0.9	mg/kg		0.835	mg/kg	0.0000835 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.5	mg/kg		0.464	mg/kg	0.0000464 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.5	mg/kg		0.464	mg/kg	0.0000464 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.8	mg/kg		0.742	mg/kg	0.0000742 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.8	mg/kg		0.742	mg/kg	0.0000742 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.8	mg/kg		0.742	mg/kg	0.0000742 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.6	mg/kg		0.557	mg/kg	0.0000557 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.5	mg/kg		0.464	mg/kg	0.0000464 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		35.3	mg/kg	1.785	58.48	mg/kg	0.00585 %	✓	
											Total:	0.0631 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00349%)

Classification of sample: WS19-0.60--10/05/2022

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

Sample details

Sample name:
WS19-0.60--10/05/2022
Sample Depth:
0.60 m
Moisture content:
15.1%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15.1% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11.3 mg/kg	1.32	12.667 mg/kg	0.00127 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27.7 mg/kg	1.462	34.372 mg/kg	0.00344 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		26.7 mg/kg	1.126	25.522 mg/kg	0.00255 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	27.5 mg/kg	1.56	36.418 mg/kg	0.00233 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		14.2 mg/kg	2.976	35.881 mg/kg	0.00359 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54.7 mg/kg	2.774	128.832 mg/kg	0.0129 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		6.6 mg/kg		5.603 mg/kg	0.00056 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		9.2	pH		9.2	pH	9.2 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		38.5	mg/kg	1.785	58.351	mg/kg	0.00584 %	✓	
											Total:	0.0364 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00056%)

Classification of sample: WS20-0.20--10/05/2022

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

Sample details

Sample name:
WS20-0.20--10/05/2022
Sample Depth:
0.20 m
Moisture content:
8.5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17.5 mg/kg	1.32	21.142 mg/kg	0.00211 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19.7 mg/kg	1.462	26.345 mg/kg	0.00263 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20.7 mg/kg	1.126	21.325 mg/kg	0.00213 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	37.6 mg/kg	1.56	53.664 mg/kg	0.00344 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15.1 mg/kg	2.976	41.122 mg/kg	0.00411 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		56 mg/kg	2.774	142.147 mg/kg	0.0142 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		4 mg/kg		3.66 mg/kg	0.000366 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.1	pH		8.1	pH	8.1 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.5	mg/kg		0.458	mg/kg	0.0000457 %	✓	
26		anthracene		204-371-1	120-12-7		0.1	mg/kg		0.0915	mg/kg	0.00000915 %	✓	
27		fluoranthene		205-912-4	206-44-0		1.1	mg/kg		1.007	mg/kg	0.000101 %	✓	
28		pyrene		204-927-3	129-00-0		0.9	mg/kg		0.824	mg/kg	0.0000824 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.5	mg/kg		0.458	mg/kg	0.0000457 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.5	mg/kg		0.458	mg/kg	0.0000457 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.5	mg/kg		0.458	mg/kg	0.0000457 %	✓	
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.6	mg/kg		0.549	mg/kg	0.0000549 %	✓	
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.5	mg/kg		0.458	mg/kg	0.0000457 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		0.3	mg/kg		0.274	mg/kg	0.0000274 %	✓	
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		0.3	mg/kg		0.274	mg/kg	0.0000274 %	✓	
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		32	mg/kg	1.785	52.27	mg/kg	0.00523 %	✓	
											Total:	0.0386 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00036%)

Classification of sample: WS20-0.60--10/05/2022

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

Sample details

Sample name:
WS20-0.60--10/05/2022
Sample Depth:
0.60 m
Moisture content:
11.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13.5 mg/kg	1.32	15.721 mg/kg	0.00157 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.1 mg/kg	2.775	2.693 mg/kg	0.000269 %	✓	
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20.3 mg/kg	1.462	26.169 mg/kg	0.00262 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23.2 mg/kg	1.126	23.038 mg/kg	0.0023 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	19.3 mg/kg	1.56	26.552 mg/kg	0.0017 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		25.5 mg/kg	2.976	66.939 mg/kg	0.00669 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		67.4 mg/kg	2.774	164.914 mg/kg	0.0165 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.3	pH		8.3	pH	8.3 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		28.3	mg/kg	1.785	44.559	mg/kg	0.00446 %	✓	
											Total:	0.0399 %		

Key

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

Classification of sample: HP01-0.70--13/05/2022

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

Sample details

Sample name:
HP01-0.70--13/05/2022
Sample Depth:
0.70 m
Moisture content:
9.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.1 mg/kg	1.32	10.825 mg/kg	0.00108 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.2 mg/kg	2.775	3.001 mg/kg	0.0003 %	✓	
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33.1 mg/kg	1.462	43.588 mg/kg	0.00436 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28.4 mg/kg	1.126	28.81 mg/kg	0.00288 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	18.1 mg/kg	1.56	25.438 mg/kg	0.00163 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28.8 mg/kg	2.976	77.23 mg/kg	0.00772 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		57.3 mg/kg	2.774	143.222 mg/kg	0.0143 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		3.2 mg/kg		2.883 mg/kg	0.000288 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.5	pH		8.5	pH	8.5 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.2	mg/kg		0.18	mg/kg	0.000018 %	✓	
28		pyrene		204-927-3	129-00-0		0.1	mg/kg		0.0901	mg/kg	0.00000901 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		42.1	mg/kg	1.785	67.716	mg/kg	0.00677 %	✓	
											Total:	0.043 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00028%)

Classification of sample: HP02-0.70--13/05/2022

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

Sample details

Sample name:
HP02-0.70--13/05/2022
Sample Depth:
0.70 m
Moisture content:
11.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12.3 mg/kg	1.32	14.324 mg/kg	0.00143 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.4 mg/kg	2.775	3.427 mg/kg	0.000343 %	✓	
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36.7 mg/kg	1.462	47.31 mg/kg	0.00473 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33.1 mg/kg	1.126	32.869 mg/kg	0.00329 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	21.7 mg/kg	1.56	29.854 mg/kg	0.00191 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35.7 mg/kg	2.976	93.715 mg/kg	0.00937 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		59.8 mg/kg	2.774	146.318 mg/kg	0.0146 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		8.1	pH		8.1	pH	8.1 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		48.5	mg/kg	1.785	76.365	mg/kg	0.00764 %	✓	
											Total:	0.0471 %		

Key

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

Classification of sample: HP03-0.20--13/05/2022

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

Sample details

Sample name:
HP03-0.20--13/05/2022
Sample Depth:
0.20 m
Moisture content:
15.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		19.5	mg/kg	1.126	18.464	mg/kg	0.00185 %	✓	
2	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17.2	mg/kg	2.976	43.052	mg/kg	0.00431 %	✓	
3	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		80.1	mg/kg	2.774	186.878	mg/kg	0.0187 %	✓	
4	pH			PH		7.3	pH		7.3	pH	7.3 pH		
5	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
6	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
7	hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
8	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
9	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		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		p,p'-DDE											
			200-784-6	72-55-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
14		p,p'-DDD											
			200-783-0	72-54-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
15		p,p'-methoxychlor											
			200-779-9	72-43-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite											
		602-052-00-5	204-079-4	115-29-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
										Total:	0.0249 %		

Key

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

Classification of sample: HP05-0.20--13/05/2022

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

Sample details

Sample name:
HP05-0.20--13/05/2022
Sample Depth:
0.20 m
Moisture content:
13.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 13.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18.6	mg/kg	1.126	18.031	mg/kg	0.0018 %	✓	
2	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		16.1	mg/kg	2.976	41.257	mg/kg	0.00413 %	✓	
3	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		66.2	mg/kg	2.774	158.121	mg/kg	0.0158 %	✓	
4	pH			PH		7.1	pH		7.1	pH	7.1 pH		
5	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
6	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
7	hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
8	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
9	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		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		p,p'-DDE											
			200-784-6	72-55-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
14		p,p'-DDD											
			200-783-0	72-54-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
15		p,p'-methoxychlor											
			200-779-9	72-43-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite											
		602-052-00-5	204-079-4	115-29-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
										Total:	0.0218 %		

Key

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

Classification of sample: HP06-0.20--13/05/2022

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

Sample details

Sample name:
HP06-0.20--13/05/2022
Sample Depth:
0.20 m
Moisture content:
13.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 13.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14.2	mg/kg	1.126	13.861	mg/kg	0.00139 %	✓	
2	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		10.8	mg/kg	2.976	27.869	mg/kg	0.00279 %	✓	
3	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		51	mg/kg	2.774	122.664	mg/kg	0.0123 %	✓	
4	pH			PH		6.8	pH		6.8	pH	6.8 pH		
5	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
6	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
7	hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
8	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
9	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
10	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
11	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
12	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**

#		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		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-784-6	72-55-9									
14		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-783-0	72-54-8									
15		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-779-9	72-43-5									
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0165 %		

Key

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

Classification of sample: HP08-0.20--13/05/2022

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

Sample details

Sample name:
HP08-0.20--13/05/2022
Sample Depth:
0.20 m
Moisture content:
10.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10.6% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		111	mg/kg	1.126	111.726	mg/kg	0.0112 %	✓	
2	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		10	mg/kg	2.976	26.608	mg/kg	0.00266 %	✓	
3	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		131	mg/kg	2.774	324.891	mg/kg	0.0325 %	✓	
4	pH			PH		7	pH		7	pH	7pH		
5	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
6	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
7	hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		**<LOD**
8	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
9	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
10	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
11	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
12	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**

#		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		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-784-6	72-55-9									
14		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-783-0	72-54-8									
15		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-779-9	72-43-5									
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0463 %		

Key

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

Classification of sample: HP12-0.20--13/05/2022

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

Sample details

Sample name:
HP12-0.20--13/05/2022
Sample Depth:
0.20 m
Moisture content:
9.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		16.4	mg/kg	1.126	16.674	mg/kg	0.00167 %	✓	
2	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12.8	mg/kg	2.976	34.401	mg/kg	0.00344 %	✓	
3	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		52.7	mg/kg	2.774	132.016	mg/kg	0.0132 %	✓	
4	pH			PH		5.8	pH		5.8	pH	5.8 pH		
5	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane	602-045-00-7	200-024-3	50-29-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
6	chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan	602-047-00-8	200-349-0	57-74-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
7	hexachlorocyclohexanes, including lindane	602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
8	dieldrin (ISO)	602-049-00-9	200-484-5	60-57-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
9	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene	602-051-00-X	200-775-7	72-20-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
10	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene	602-046-00-2	200-962-3	76-44-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
11	aldrin (ISO)	602-048-00-3	206-215-8	309-00-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
12	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane	602-063-00-5	213-831-0	1024-57-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		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		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-784-6	72-55-9									
14		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-783-0	72-54-8									
15		p,p'-methoxychlor				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
			200-779-9	72-43-5									
16		endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		**<LOD**
		602-052-00-5	204-079-4	115-29-7									
										Total:	0.0183 %		

Key

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

Classification of sample: WS01-0.10--13/05/2022

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

Sample details

Sample name:
WS01-0.10--13/05/2022
Sample Depth:
0.10 m
Moisture content:
18.2%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18.2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.1 mg/kg	1.32	10.908 mg/kg	0.00109 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.6 mg/kg	3.22	1.58 mg/kg	0.000158 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19.6 mg/kg	1.462	23.433 mg/kg	0.00234 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		18.2 mg/kg	1.126	16.762 mg/kg	0.00168 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	26.2 mg/kg	1.56	33.429 mg/kg	0.00214 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		12 mg/kg	2.976	29.215 mg/kg	0.00292 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		54.4 mg/kg	2.774	123.447 mg/kg	0.0123 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.1	pH		6.1	pH	6.1 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.1	mg/kg		0.0818	mg/kg	0.00000818 %	✓	
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		35.1	mg/kg	1.785	51.256	mg/kg	0.00513 %	✓	
											Total:	0.0317 %		

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

Classification of sample: HP26-0.10--13/05/2022

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

Sample details

Sample name:
HP26-0.10--13/05/2022
Sample Depth:
0.10 m
Moisture content:
13.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 13.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.5 mg/kg	1.32	11.964 mg/kg	0.0012 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1 mg/kg	2.775	<2.775 mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.8 mg/kg	3.22	2.223 mg/kg	0.000222 %	✓	
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22.8 mg/kg	1.462	28.758 mg/kg	0.00288 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		14.3 mg/kg	1.126	13.894 mg/kg	0.00139 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	34.2 mg/kg	1.56	46.037 mg/kg	0.00295 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		13.1 mg/kg	2.976	33.648 mg/kg	0.00336 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		58.6 mg/kg	2.774	140.294 mg/kg	0.014 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		6.5 mg/kg		5.61 mg/kg	0.000561 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.3	pH		6.3	pH	6.3 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		33.7	mg/kg	1.785	51.919	mg/kg	0.00519 %	✓	
											Total:	0.0356 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00056%)

Classification of sample: HP32-0.10--25/05/2022

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

Sample details

Sample name:
HP32-0.10--25/05/2022
Sample Depth:
0.10 m
Moisture content:
18.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19.9 mg/kg	1.32	21.361 mg/kg	0.00214 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		1.3 mg/kg	2.775	2.933 mg/kg	0.000293 %	✓	
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5 mg/kg	3.22	<1.61 mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5 mg/kg	1.142	<0.571 mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29.6 mg/kg	1.462	35.172 mg/kg	0.00352 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8 mg/kg	2.27	<1.816 mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35.6 mg/kg	1.126	32.586 mg/kg	0.00326 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	169 mg/kg	1.56	214.314 mg/kg	0.0137 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		22.5 mg/kg	2.976	54.443 mg/kg	0.00544 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		152 mg/kg	2.774	342.818 mg/kg	0.0343 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.4	pH		6.4	pH	6.4 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		45	mg/kg	1.785	65.311	mg/kg	0.00653 %	✓	
											Total:	0.073 %		

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

Classification of sample: HP35-0.10--25/05/2022

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

Sample details

Sample name:
HP35-0.10--25/05/2022
Sample Depth:
0.10 m
Moisture content:
19.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11.6	mg/kg	1.32	12.299	mg/kg	0.00123 %	✓	
2	beryllium { beryllium oxide }	004-003-00-8	215-133-1	1304-56-9		<1	mg/kg	2.775	<2.775	mg/kg	<0.000278 %		<LOD
3	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		<0.5	mg/kg	3.22	<1.61	mg/kg	<0.000161 %		<LOD
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.5	mg/kg	1.142	<0.571	mg/kg	<0.0000571 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24.6	mg/kg	1.462	28.871	mg/kg	0.00289 %	✓	
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.8	mg/kg	2.27	<1.816	mg/kg	<0.000182 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28.8	mg/kg	1.126	26.038	mg/kg	0.0026 %	✓	
8	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	118	mg/kg	1.56	147.799	mg/kg	0.00948 %	✓	
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<LOD
10	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15.9	mg/kg	2.976	38	mg/kg	0.0038 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
12	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9		445	mg/kg	2.774	991.3	mg/kg	0.0991 %	✓	
13	TPH (C6 to C40) petroleum group			TPH		9.8	mg/kg		7.869	mg/kg	0.000787 %	✓	
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		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]		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
20		pH			PH		6.8	pH		6.8	pH	6.8 pH		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.2	mg/kg		0.161	mg/kg	0.0000161 %	✓	
28		pyrene		204-927-3	129-00-0		0.2	mg/kg		0.161	mg/kg	0.0000161 %	✓	
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.0803	mg/kg	0.00000803 %	✓	
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.0803	mg/kg	0.00000803 %	✓	
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1	mg/kg		0.0803	mg/kg	0.00000803 %	✓	
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<6	mg/kg		<6	mg/kg	<0.0006 %		<LOD
38		sulfur { sulfur }	016-094-00-1	231-722-6	7704-34-9		<20	mg/kg		<20	mg/kg	<0.002 %		<LOD
39		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		35.2	mg/kg	1.785	50.459	mg/kg	0.00505 %	✓	
											Total:	0.129 %		

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free phase liquid

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00078%)

Appendix A: Classifier defined and non GB MCL determinands

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

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

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

GB MCL index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

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

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

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

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

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

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

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

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

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

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

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

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

Description/Comments: other names: 4,4'-DDE; 2,2-bis(p-chlorophenyl)-1,1-dichloroethylene
Data source: ECHA's C&L inventory database
https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/21845
Data source date: 11 Jan 2018
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: other names: Rhothane; p,p'-TDE; 4,4'-DDD; 4,4'-TDE;
Data source: ECHA's C&L inventory database
https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/21283
Data source date: 11 Jan 2018
Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 4; H312 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: other names: Methoxychlor; DMDT; Dimethoxy-DDT; Methoxy-DDT; Methoxcide; p,p'-Dimethoxydiphenyltrichloroethane; 1,1,1-Trichloro-2,2-bis(4-methoxyphenyl)ethane
Data source: ECHA's C&L inventory database
https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/112624
Data source date: 11 Jan 2018
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , STOT RE 2; H373 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

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

beryllium {beryllium oxide}

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics

boron {diboron trioxide; boric oxide}

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

cadmium {cadmium oxide}

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

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

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

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

Worst case species based on hazard statements/molecular weight

copper {dicopper oxide; copper (I) oxide}

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

lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide]

sulfur {sulfur}

Most likely occurrence

vanadium {divanadium pentaoxide; vanadium pentoxide}

Most likely occurrence

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2022.146.5158.9719 (26 May 2022)
HazWasteOnline Database: 2022.146.5158.9719 (26 May 2022)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021

Geo-Environmental

APPENDIX E

Ground Gas Monitoring and Assessment Sheet

Project: Northwest Southwater
Ref: GE20620
Client: Berkeley Strategic Land Limited

Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check		
										CH_4	CO_2	BS8485 & C665		Flow	CH_4	CO_2
												CH_4	CO_2			
WS02	19/05/22	0	0.0	0.2	21.0	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS02	19/05/22	10	0.0	6.1	20.5	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	19/05/22	20	0.0	6.0	15.5	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	19/05/22	30	0.0	6.0	15.1	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	19/05/22	60	0.0	6.1	15.0	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	19/05/22	90	0.0	6.1	15.0	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	19/05/22	120	0.0	6.1	15.0	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	19/05/22	180	0.0	6.1	15.0	0.0	2.0	1014	3.52	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS03	19/05/22	0	0.0	0.1	21.2	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	19/05/22	10	0.0	2.1	20.6	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	19/05/22	20	0.0	2.3	19.7	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	19/05/22	30	0.0	2.2	19.7	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	19/05/22	60	0.0	1.8	20.2	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	19/05/22	90	0.0	1.5	20.3	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	19/05/22	120	0.0	1.3	20.3	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	19/05/22	180	0.0	1.2	20.4	0.0	0.4	1014	2.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	0	0.0	0.1	21.3	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	10	0.0	2.6	20.9	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	20	0.0	2.9	19.3	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	30	0.0	3.1	19.0	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	60	0.0	3.2	18.9	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	90	0.0	3.0	19.1	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	120	0.0	2.6	19.4	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	19/05/22	180	0.0	2.1	19.7	0.0	3.1	1015	2.95	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	0	0.0	0.3	21.0	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	10	0.0	1.0	20.7	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	20	0.0	1.0	19.5	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	30	0.0	0.9	19.3	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	60	0.0	0.9	18.6	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	90	0.0	0.8	18.5	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	120	0.0	0.8	18.5	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	19/05/22	180	0.0	0.8	18.5	0.0	2.3	1015	1.25	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	19/05/22	0	0.0	0.2	21.2	0.1	3.4	1015	1.07	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	19/05/22	10	0.0	0.9	20.5	0.1	3.4	1015	1.07	0.000	0.001	CS1	CS1	NO	NO	NO
WS07	19/05/22	20	0.0	0.9	20.8	0.1	3.4	1015	1.07	0.000	0.001	CS1	CS1	NO	NO	NO
WS07	19/05/22	30	0.0	0.9	20.9	0.1	3.4	1015	1.07	0.000	0.001	CS1	CS1	NO	NO	NO
WS07	19/05/22	60	0.0	0.9	20.9	0.1	3.4	1015	1.07	0.000	0.001	CS1	CS1	NO	NO	NO

Project: Northwest Southwater
Ref: GE20620
Client: Berkeley Strategic Land Limited

Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check		
										CH_4	CO_2	BS8485 & C665		Flow	CH_4	CO_2
												CH_4	CO_2			
WS07	19/05/22	90	0.0	0.9	20.9	0.1	3.4	1015	1.07	0.000	0.001	CS1	CS1	NO	NO	NO
WS07	19/05/22	120	0.0	0.9	20.9	0.1	3.4	1015	1.07	0.000	0.001	CS1	CS1	NO	NO	NO
WS07	19/05/22	180	0.0	0.9	20.9	0.1	3.4	1015	1.07	0.000	0.001	CS1	CS1	NO	NO	NO
WS08	19/05/22	0	0.0	0.1	20.8	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	19/05/22	10	0.0	0.8	20.3	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	19/05/22	20	0.0	0.8	20.1	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	19/05/22	30	0.0	0.8	20.0	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	19/05/22	60	0.0	0.8	20.0	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	19/05/22	90	0.0	0.8	20.0	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	19/05/22	120	0.0	0.8	20.0	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	19/05/22	180	0.0	0.8	20.0	0.0	1.6	1016	3.05	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	19/05/22	0	0.0	0.2	20.7	1.1	0.8	1016	0.74	0.000	0.002	CS1	CS1	NO	NO	NO
WS10	19/05/22	12	0.0	0.3	20.5	1.1	0.8	1016	0.74	0.000	0.003	CS1	CS1	NO	NO	NO
WS10	19/05/22	20				1.1	0.8	1016	0.74	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	19/05/22	30				1.1	0.8	1016	0.74	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	19/05/22	60				1.1	0.8	1016	0.74	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	19/05/22	90				1.1	0.8	1016	0.74	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	19/05/22	120				1.1	0.8	1016	0.74	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	19/05/22	180				1.1	0.8	1016	0.74	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	0	0.0	0.1	21.2	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	10	0.0	0.1	21.0	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	20	0.0	0.1	20.6	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	30	0.0	0.1	20.3	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	60	0.0	0.1	20.2	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	90	0.0	0.1	20.2	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	120	0.0	0.1	20.2	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	19/05/22	180	0.0	0.1	20.2	0.0	9.2	1015	1.30	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	19/05/22	0	0.0	0.1	20.7	0.1		1016	1.51	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	19/05/22	10	0.0	1.1	19.9	0.1		1016	1.51	0.000	0.001	CS1	CS1	NO	NO	NO
WS14	19/05/22	20	0.0	1.1	19.8	0.1		1016	1.51	0.000	0.001	CS1	CS1	NO	NO	NO
WS14	19/05/22	30	0.0	1.2	19.7	0.1		1016	1.51	0.000	0.001	CS1	CS1	NO	NO	NO
WS14	19/05/22	60	0.0	1.2	19.7	0.1		1016	1.51	0.000	0.001	CS1	CS1	NO	NO	NO
WS14	19/05/22	90	0.0	1.2	19.7	0.1		1016	1.51	0.000	0.001	CS1	CS1	NO	NO	NO
WS14	19/05/22	120	0.0	1.2	19.7	0.1		1016	1.51	0.000	0.001	CS1	CS1	NO	NO	NO
WS14	19/05/22	180	0.0	1.2	19.7	0.1		1016	1.51	0.000	0.001	CS1	CS1	NO	NO	NO
WS02	31/05/22	0	0.0	0.2	20.8	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	NO
WS02	31/05/22	10	0.0	3.8	19.3	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	NO

Project: Northwest Southwater
Ref: GE20620
Client: Berkeley Strategic Land Limited

Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check		
										CH_4	CO_2	BS8485 & C665		Flow	CH_4	CO_2
												CH_4	CO_2			
WS02	31/05/22	20	0.0	5.8	16.4	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	31/05/22	30	0.0	5.9	16.2	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	31/05/22	60	0.0	5.9	16.2	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	31/05/22	90	0.0	5.9	16.2	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	31/05/22	120	0.0	5.9	16.2	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	31/05/22	180	0.0	5.9	16.2	0.0	3.1	1007	3.10	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS03	31/05/22	0	0.0	0.2	21.3	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	31/05/22	10	0.0	3.2	19.7	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	31/05/22	20	0.0	3.3	19.0	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	31/05/22	30	0.0	3.2	18.9	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	31/05/22	60	0.0	2.7	19.7	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	31/05/22	90	0.0	2.6	19.7	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	31/05/22	120	0.0	2.3	19.9	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	31/05/22	180	0.0	2.2	20.0	0.0	1.7	1007	2.09	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	31/05/22	0	0.0	0.1	21.2	0.1	1.8	1008	3.61	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	31/05/22	10	0.0	4.2	21.0	0.1	1.8	1008	3.61	0.000	0.004	CS1	CS1	NO	NO	NO
WS04	31/05/22	20	0.0	4.5	18.7	0.1	1.8	1008	3.61	0.000	0.005	CS1	CS1	NO	NO	NO
WS04	31/05/22	30	0.0	4.5	17.9	0.1	1.8	1008	3.61	0.000	0.005	CS1	CS1	NO	NO	NO
WS04	31/05/22	60	0.0	4.6	17.7	0.1	1.8	1008	3.61	0.000	0.005	CS1	CS1	NO	NO	NO
WS04	31/05/22	90	0.0	4.1	18.0	0.1	1.8	1008	3.61	0.000	0.004	CS1	CS1	NO	NO	NO
WS04	31/05/22	120	0.0	3.7	18.3	0.1	1.8	1008	3.61	0.000	0.004	CS1	CS1	NO	NO	NO
WS04	31/05/22	180	0.0	3.0	19.0	0.1	1.8	1008	3.61	0.000	0.003	CS1	CS1	NO	NO	NO
WS05	31/05/22	0	0.0	0.4	21.1	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	31/05/22	10	0.0	2.0	19.9	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	31/05/22	20	0.0	2.4	13.3	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	31/05/22	30	0.0	2.7	9.1	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	31/05/22	60	0.0	2.9	8.0	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	31/05/22	90	0.0	2.9	7.9	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	31/05/22	120	0.0	2.9	7.9	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	31/05/22	180	0.0	2.9	7.9	0.0	1.7	1008	1.87	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	31/05/22	0	0.0	0.2	21.0	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	31/05/22	10	0.0	1.3	20.9	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	31/05/22	20	0.0	1.2	19.8	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	31/05/22	30	0.0	1.2	19.8	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	31/05/22	60	0.0	1.3	19.7	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	31/05/22	90	0.0	1.3	19.7	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	31/05/22	120	0.0	1.3	19.7	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO

Project: Northwest Southwater
Ref: GE20620
Client: Berkeley Strategic Land Limited

Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check		
										CH_4	CO_2	BS8485 & C665		Flow	CH_4	CO_2
												CH_4	CO_2			
WS07	31/05/22	180	0.0	1.3	19.7	0.0	3.9	1007	1.12	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	31/05/22	0	0.0	0.3	21.2	-0.1	1.2	1010	2.29	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	31/05/22	10	0.0	1.3	20.9	-0.1	1.2	1010	2.29	0.000	-0.001	CS1	CS1	NO	NO	NO
WS08	31/05/22	20	0.0	1.3	20.3	-0.1	1.2	1010	2.29	0.000	-0.001	CS1	CS1	NO	NO	NO
WS08	31/05/22	30	0.0	1.3	20.1	-0.1	1.2	1010	2.29	0.000	-0.001	CS1	CS1	NO	NO	NO
WS08	31/05/22	60	0.0	1.3	20.1	-0.1	1.2	1010	2.29	0.000	-0.001	CS1	CS1	NO	NO	NO
WS08	31/05/22	90	0.0	1.3	20.1	-0.1	1.2	1010	2.29	0.000	-0.001	CS1	CS1	NO	NO	NO
WS08	31/05/22	120	0.0	1.3	20.1	-0.1	1.2	1010	2.29	0.000	-0.001	CS1	CS1	NO	NO	NO
WS08	31/05/22	180	0.0	1.3	20.1	-0.1	1.2	1010	2.29	0.000	-0.001	CS1	CS1	NO	NO	NO
WS11	31/05/22	0	0.0	0.2	21.4	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	31/05/22	10	0.0	0.2	21.4	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	31/05/22	20	0.0	0.2	20.8	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	31/05/22	30	0.0	0.2	20.7	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	31/05/22	60	0.0	0.2	20.5	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	31/05/22	90	0.0	0.2	20.4	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	31/05/22	120	0.0	0.1	20.4	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	31/05/22	180	0.0	0.1	20.4	0.0	1.2	1009	1.36	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	0	0.0	0.1	21.4	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	10	0.0	1.7	20.5	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	20	0.0	1.7	20.4	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	30	0.0	1.7	20.2	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	60	0.0	1.7	20.1	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	90	0.0	1.7	20.1	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	120	0.0	1.7	20.1	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	31/05/22	180	0.0	1.7	20.1	0.0	1.1	1009	1.57	0.000	0.000	CS1	CS1	NO	NO	NO
WS02	07/06/22	0	0.0	0.2	21.4	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	NO
WS02	07/06/22	10	0.0	5.4	19.7	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	07/06/22	20	0.0	5.4	17.6	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	07/06/22	30	0.0	5.5	17.2	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	07/06/22	60	0.0	5.5	17.0	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	07/06/22	90	0.0	5.6	17.0	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	07/06/22	120	0.0	5.5	17.0	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS02	07/06/22	180	0.0	5.5	17.0	0.0	1.1	1006	3.02	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS03	07/06/22	0	0.0	0.2	21.3	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	07/06/22	10	0.0	3.4	20.0	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	07/06/22	20	0.0	3.5	19.0	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	07/06/22	30	0.0	3.5	18.9	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO

Project: Northwest Southwater
Ref: GE20620
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Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check		
										CH_4	CO_2	BS8485 & C665		Flow	CH_4	CO_2
												CH_4	CO_2			
WS03	07/06/22	60	0.0	3.0	19.2	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	07/06/22	90	0.0	2.8	19.4	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	07/06/22	120	0.0	2.7	19.4	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO
WS03	07/06/22	180	0.0	2.6	19.5	0.0	1.8	1008	2.08	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	07/06/22	0	0.0	0.2	21.4	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	07/06/22	10	0.0	4.6	20.7	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	07/06/22	20	0.0	5.0	18.4	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	07/06/22	30	0.0	5.2	17.6	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS04	07/06/22	60	0.0	5.1	17.5	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	CO2>CS1 limit
WS04	07/06/22	90	0.0	4.7	17.8	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	07/06/22	120	0.0	4.1	18.2	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	NO
WS04	07/06/22	180	0.0	3.2	18.9	0.0	1.6	1008	3.66	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	0	0.0	0.5	21.0	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	10	0.0	3.3	15.7	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	20	0.0	3.3	8.7	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	30	0.0	3.4	5.8	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	60	0.0	3.4	5.4	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	90	0.0	3.4	5.3	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	120	0.0	3.4	5.2	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS05	07/06/22	180	0.0	3.4	5.2	0.0	1.9	1008	1.81	0.000	0.000	CS1	CS1	NO	NO	NO
WS07	07/06/22	0	0.0	0.1	21.2	0.8	2.6	1008	1.06	0.000	0.001	CS1	CS1	NO	NO	NO
WS07	07/06/22	10	0.0	1.6	20.6	0.8	2.6	1008	1.06	0.000	0.013	CS1	CS1	NO	NO	NO
WS07	07/06/22	20	0.0	1.5	20.0	0.8	2.6	1008	1.06	0.000	0.012	CS1	CS1	NO	NO	NO
WS07	07/06/22	30	0.0	1.6	19.9	0.8	2.6	1008	1.06	0.000	0.013	CS1	CS1	NO	NO	NO
WS07	07/06/22	60	0.0	1.7	19.8	0.8	2.6	1008	1.06	0.000	0.014	CS1	CS1	NO	NO	NO
WS07	07/06/22	90	0.0	1.8	19.6	0.8	2.6	1008	1.06	0.000	0.014	CS1	CS1	NO	NO	NO
WS07	07/06/22	120	0.0	1.9	19.6	0.8	2.6	1008	1.06	0.000	0.015	CS1	CS1	NO	NO	NO
WS07	07/06/22	180	0.0	1.9	19.6	0.8	2.6	1008	1.06	0.000	0.015	CS1	CS1	NO	NO	NO
WS08	07/06/22	0	0.0	0.2	21.2	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	07/06/22	10	0.0	1.4	21.0	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	07/06/22	20	0.0	1.4	19.7	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	07/06/22	30	0.0	1.4	19.5	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	07/06/22	60	0.0	1.4	19.4	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	07/06/22	90	0.0	1.4	19.4	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	07/06/22	120	0.0	1.4	19.4	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS08	07/06/22	180	0.0	1.4	19.4	0.0	1.7	1010	2.16	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	07/06/22	0							N/A	0.000	0.000	CS1	CS1	NO	NO	NO

Project: Northwest Southwater
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Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check		
										CH_4	CO_2	BS8485 & C665		Flow	CH_4	CO_2
												CH_4	CO_2			
WS10	07/06/22	10							N/A	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	07/06/22	20							N/A	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	07/06/22	30							N/A	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	07/06/22	60							N/A	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	07/06/22	90							N/A	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	07/06/22	120							N/A	0.000	0.000	CS1	CS1	NO	NO	NO
WS10	07/06/22	180							N/A	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	0	0.0	0.1	21.3	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	10	0.0	0.1	21.2	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	20	0.0	0.1	20.6	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	30	0.0	0.1	20.1	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	60	0.0	0.1	20.0	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	90	0.0	0.1	20.0	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	120	0.0	0.1	20.0	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS11	07/06/22	180	0.0	0.1	20.0	0.0	2.2	1010	1.38	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	0	0.0	0.1	21.2	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	10	0.0	1.6	20.5	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	20	0.0	1.6	20.0	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	30	0.0	1.6	20.0	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	60	0.0	1.6	19.9	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	90	0.0	1.6	19.9	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	120	0.0	1.5	19.9	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
WS14	07/06/22	180	0.0	1.5	19.9	0.0	2.0	1009	1.52	0.000	0.000	CS1	CS1	NO	NO	NO
Max values			0.0	6.1	21.4	1.1	9.2	1016.0	3.7	0.000	0.067	CS1	CS1	NO	NO	CO2>CS1 limit
Min Vaules			0.0	0.1	5.2	-0.1	0.4	1006.0	0.7	0.000	0.000	CS1	CS1	NO	NO	NO
BH Flow LoD check			0.0	6.1	21.4	0.1	-	-	-	0.000	0.006	CS1	CS1	NO	NO	CO2>CS1 limit

Project: Northwest Southwater
Ref: GE20620
Client: Berkeley Strategic Land Limited

Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation BS8485 & C665		CS1 Limiting Value Check		
										CH_4	CO_2	CH_4	CO_2	Flow	CH_4	CO_2
WS16	19/05/22	0	0.0	0.1	21.0	0.1	0.8	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	19/05/22	10	0.0	1.0	20.3	0.1	0.8	1017	Dry	0.000	0.001	CS1	CS1	NO	NO	NO
WS16	19/05/22	20	0.0	1.0	20.3	0.1	0.8	1017	Dry	0.000	0.001	CS1	CS1	NO	NO	NO
WS16	19/05/22	30	0.0	1.0	20.4	0.1	0.8	1017	Dry	0.000	0.001	CS1	CS1	NO	NO	NO
WS16	19/05/22	60	0.0	1.3	20.1	0.1	0.8	1017	Dry	0.000	0.001	CS1	CS1	NO	NO	NO
WS16	19/05/22	90	0.0	1.5	20.0	0.1	0.8	1017	Dry	0.000	0.002	CS1	CS1	NO	NO	NO
WS16	19/05/22	120	0.0	2.1	19.6	0.1	0.8	1017	Dry	0.000	0.002	CS1	CS1	NO	NO	NO
WS16	19/05/22	180	0.0	2.4	19.3	0.1	0.8	1017	Dry	0.000	0.002	CS1	CS1	NO	NO	NO
WS18	19/05/22	0	0.0	0.3	21.0	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	19/05/22	10	0.0	1.7	20.6	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	19/05/22	20	0.0	1.8	18.4	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	19/05/22	30	0.0	1.9	17.9	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	19/05/22	60	0.0	2.1	17.4	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	19/05/22	90	0.0	2.0	17.6	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	19/05/22	120	0.0	1.7	17.9	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	19/05/22	180	0.0	1.0	18.7	0.0	1.3	1017	3.28	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	0	0.0	0.2	21.0	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	10	0.0	2.4	19.8	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	20	0.0	2.4	18.5	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	30	0.0	2.4	18.2	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	60	0.0	2.1	18.6	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	90	0.0	2.0	18.9	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	120	0.0	1.9	19.1	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	19/05/22	180	0.0	1.7	19.4	0.0	3.7	1017	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	0	0.0	0.1	21.2	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	10	0.0	2.9	20.2	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	20	0.0	3.0	19.5	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	30	0.0	3.0	19.2	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	60	0.0	3.0	19.2	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	90	0.0	3.0	19.2	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	120	0.0	3.0	19.2	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	31/05/22	180	0.0	3.0	19.2	0.0	1.6	1010	Dry	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	0	0.0	0.3	21.0	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	10	0.0	2.5	20.6	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	20	0.0	2.6	17.5	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	30	0.0	2.7	16.8	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	60	0.0	2.9	16.6	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	90	0.0	2.6	16.8	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	120	0.0	2.5	16.9	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	31/05/22	180	0.0	2.5	16.9	0.0	1.7	1009	2.84	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	31/05/22	0	0.0	0.3	20.9	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO

Project: Northwest Southwater
Ref: GE20620
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Geo-Environmental

Location	Date	Time (sec)	CH_4 (%)	CO_2 (%)	O_2 (%)	Flow (l/hr)	VOC (ppm)	Pressure (mb)	GWL (m bgl)	GSV/Qhgs		Characteristic Situation		CS1 Limiting Value Check		
										CH_4	CO_2	BS8485 & C665		Flow	CH_4	CO_2
												CH_4	CO_2			
WS19	31/05/22	10	0.0	3.5	19.8	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	31/05/22	20	0.0	3.5	14.4	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	31/05/22	30	0.0	3.8	12.6	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	31/05/22	60	0.0	4.6	10.5	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	31/05/22	90	0.0	4.4	10.5	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	31/05/22	120	0.0	4.1	10.6	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	31/05/22	180	0.0	4.0	10.7	0.0	1.9	1009	3.94	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	0	0.0	0.2	21.3	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	10	0.0	3.2	18.7	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	20	0.0	3.2	18.5	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	30	0.0	3.2	18.7	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	60	0.0	3.3	18.7	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	90	0.0	3.3	18.6	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	120	0.0	3.3	18.6	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS16	07/06/22	180	0.0	3.3	18.6	0.0	1.7	1009	3.98	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	0	0.0	0.2	21.4	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	10	0.0	0.9	19.7	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	20	0.0	0.9	18.6	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	30	0.0	1.0	18.1	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	60	0.0	1.3	17.9	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	90	0.0	1.2	17.8	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	120	0.0	1.1	17.8	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS18	07/06/22	180	0.0	1.1	17.8	0.0	2.1	1008	3.43	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	07/06/22	0	0.0	0.1	21.3	0.1	1.6	1009	3.92	0.000	0.000	CS1	CS1	NO	NO	NO
WS19	07/06/22	10	0.0	4.9	19.1	0.1	1.6	1009	3.92	0.000	0.005	CS1	CS1	NO	NO	NO
WS19	07/06/22	20	0.0	5.0	13.2	0.1	1.6	1009	3.92	0.000	0.005	CS1	CS1	NO	NO	NO
WS19	07/06/22	30	0.0	5.1	11.6	0.1	1.6	1009	3.92	0.000	0.005	CS1	CS1	NO	NO	CO2>CS1 limit
WS19	07/06/22	60	0.0	5.3	10.9	0.1	1.6	1009	3.92	0.000	0.005	CS1	CS1	NO	NO	CO2>CS1 limit
WS19	07/06/22	90	0.0	5.2	10.8	0.1	1.6	1009	3.92	0.000	0.005	CS1	CS1	NO	NO	CO2>CS1 limit
WS19	07/06/22	120	0.0	5.1	10.9	0.1	1.6	1009	3.92	0.000	0.005	CS1	CS1	NO	NO	CO2>CS1 limit
WS19	07/06/22	180	0.0	5.0	11.0	0.1	1.6	1009	3.92	0.000	0.005	CS1	CS1	NO	NO	NO
Max values			0.0	5.3	21.4	0.1	3.7	1017.0	4.0	0.000	0.005	CS1	CS1	NO	NO	CO2>CS1 limit
Min Vaules			0.0	0.1	10.5	0.0	0.8	1008.0	2.8	0.000	0.000	CS1	CS1	NO	NO	NO
BH Flow LoD check			0.0	5.3	21.4	0.1	-	-	-	0.000	0.005	CS1	CS1	NO	NO	CO2>CS1 limit