APPENDIX D

Confirmatory Sampling Letter Report

7B Caxton House
Broad Street
Cambourne
Cambridge CB23 6JN

T +44 (0) 1954 710666
F +44 (0) 1954 710677
E info@epstrategies.co.uk
W www.epstrategies.co.uk

Havant Property Investment LLP
38 Seymour Street
London
W1H 7BP

4th October 2021

Subject: **Confirmatory Sampling Letter Report – Pfizer, Havant**
EPS Ref: **UK20.5052f**

Dear Sir/Madam,

As you are aware, EPS have recently undertaken confirmatory soil sampling work at Pfizer, 32 New Lane, Havant PO9 2NG ('the site'). The below sections summarise the findings of this work.

Background

In July 2021 EPS completed a Supplementary Phase II Geo-Environmental Assessment (Report Reference: UK20.5052f, dated 3rd September 2021) at the site comprising 9 boreholes to varying depths and 12 trial pits. Shallow soil samples were obtained from each of these locations however due to scheduling issues between EPS and the laboratory, the samples exceeded their 14 day holding times for selected contaminants (notably EPH, GRO, PAH, SVOC, VOC and Cyanide) and therefore were classified as deviating samples.

It should be noted that EPS requested comment from Element Materials Technology, the laboratory who undertook the analysis, who provided a comprehensive reply and stated "*It is therefore likely that the amount of sample degradation would not have been significantly different on say day 15 or 16 than it was on day 14 post sampling*" (and day 14 would not have deviated). EPS does not consider this issue to have a significant impact on the reliability of the data for making assessment, particularly when the most vulnerable (volatile) analytes are not primarily informing the soil vapour risk assessment at this site. Soil vapour analysis from dedicated monitoring wells is primarily informing that aspect of the Conceptual Site Model.

Nevertheless, to ensure the data quality is consistent and reliable EPS proposed to return to site to obtain confirmatory samples from each location to compare against the original samples and reassess the results and any risks to human health / controlled waters in the context of the proposed development.

Summary of Ground Investigation

Twenty-one window sample boreholes were formed to a maximum depth of 2.0m directly adjacent to the locations undertaken in the previous investigation (annotated as 'a' references with the original adjacent position, i.e. BH7a, BH9a, WS03a-WS06a, WS16a-WS18a, TP03a, TP05a-TP08a, TP10a, TP21a, TP23a-TP26a, TP28a), using a track-mounted percussive drilling rig. A copy of the original borehole location plan is appended to this document.

Soil samples were obtained from exactly the same depths as those taken during the previous investigation, with the exception of a sample originally taken from WS05 at a depth of 1.5m. This sample could not be replicated as the borehole refused at too shallow a depth to replicate it.

Each borehole was logged for ground conditions encountered and inspected for any physical evidence of contamination, such as soil staining, odour and the presence of separate phase liquids.

Ground conditions were found to be broadly similar to those during the previous investigation, as expected given their proximity. Despite the presence of a limited thickness of made ground, there was no palpable evidence of contamination, waste or putrefiable material encountered across the majority of the site.

Samples obtained for analysis of identified contaminants of concern were submitted to Element Materials Technology of Flintshire, who hold appropriate UKAS / MCERT accreditation for the required testing. Samples were transported in laboratory supplied containers and delivered to the laboratory by approved courier.

Laboratory Testing Results

All environmental sample results obtained from the laboratory are included in the Appendix. The key results of laboratory testing on environmental soil samples are summarised below.

ISO 9001 Registered Firm
Certificate No. GB2003472
International Accreditation Board
Registration No. 0044/1

Contaminant	No. of Samples	No of Detections	Range of Detections (mg/kg)		Highest Location & Depth (m bgl)
			Min	Max	
Arsenic	22	22	2.9	11.8	TP07a (0.3-0.4)
Cadmium	22	14	0.1	0.8	TP06a (0.3-0.4)
Chromium III	22	22	8.6	106	WS04a (0.4-0.6)
Chromium VI	22	0	-	-	-
Copper	22	22	2	165	WS03a (0.2-0.4)
Lead	22	20	5	1,506	WS03a (0.2-0.4)
Mercury	22	1	-	0.2	TP07a (0.3-0.4)
Nickel	22	22	2.9	27.4	WS16a (1.55)
Selenium	22	0	-	1	WS17a (1.25)
Zinc	22	22	17	456	WS03a (0.2-0.4)
Naphthalene	22	1	-	1.17	BH9a (0.4-0.5)
Benzo[a]pyrene	22	9	0.05	7.15	BH9a (0.4-0.5)
Dibenz(ah)anthracene	22	4	0.04	0.91	BH9a (0.4-0.5)
PAH (16 Total)	22	8	2.3	88.9	BH9a (0.4-0.5)
Cyanide	22	0	-	-	-
Benzene	22	0	-	-	-
Toluene	22	8	0.003	0.011	TP03a (0.3)
Ethylbenzene	22	0	-	-	-
m/p - xylene	22	3	0.005	0.034	TP24a (0.25-0.4)
o - xylene	22	2	0.003	0.005	TP24a (0.25-0.4)
TPH	22	8	87	1,692	TP21a (0.1-0.2)
VOC	22	5	0.003	0.124	WS03a (0.2-0.4)
SVOC	22	4	0.029	2.196	BH9a (0.4-0.5)
Ammoniacal Nitrogen	22	2	0.7	2.7	TP28a (0.3-0.5)
Asbestos (%)	22	0	-	-	-

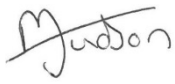
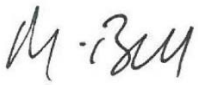
Notes: - Contaminant not found above laboratory detection limits
BTEX Benzene, Toluene, Ethylbenzene, Xylenes
VOC Volatile Organic Compounds
PAH Polycyclic Aromatic Hydrocarbons
TPH Total Petroleum Hydrocarbons
SVOC Semi-Volatile Organic Compounds

Assessment of Results

The results of the laboratory testing are appended to this document. The results appear broadly similar to those identified within the Supplementary Phase II report, with only some minor variability. The testing did identify some different semi-volatile organic compounds above method detection limit (namely Carbazole, Dibenzofuran, methylnaphthalene, 4-methylphenol and 2,4-dimethylphenol) compared to the previous investigation, however these were isolated and of the same order of magnitude as previous findings. On this basis, having thoroughly reviewed the data and compared it with the previously obtained samples and against appropriate screening criteria, these additional results are considered to confirm the findings of the conclusions and recommendations made in the Supplementary Phase II report and no further assessment or revision to the existing environmental risk assessment is considered necessary.

We trust that this information is clear and of interest however should you require anything further, please do hesitate to contact us.

Yours sincerely, on behalf of **EPS Ltd**.

Author:	**Reviewed/Authorised**
	
Michael Judson	Marcus Bell
Senior Consultant	Associate Director

Limitations & Constraints

The purpose of this report is to present the findings of a soil sampling investigation conducted at the location(s) specified. When examining the data collected from the investigations made during the assessment, Environmental Protection Strategies Ltd (EPS) makes the following statements:

No investigation method is capable of completely identifying all ground conditions that might be present in the soil or groundwater under a site. Where outlined in our report, we have examined the ground beneath a site by constructing a number of boreholes and / or trial pits to recover soil and / or groundwater samples. The locations of these excavations and sampling points are considered to be representative of the condition of the whole site subsurface however, ground conditions are naturally variable and it may be possible that the conditions encountered may differ to those found during the investigation. Where ground investigations have been conducted, these have been limited to the level of detail required for the site in order to achieve the objectives of the investigation.

No visible evidence of Japanese Knotweed was identified during the site walkover. However, this plant can be difficult to identify in the early stages of growth and therefore it is not always possible to identify its' presence at certain times of the year. For this reason, EPS cannot confirm that Japanese Knotweed rhizomes do not exist and it is recommended that if it is suspected that this species, or other similarly invasive plants are present at the site, a specialist contractor should be commissioned to make a detailed assessment.

The investigation was carried out to assess the significance of contamination resulting from the use of the site as identified in this report. Unless EPS has otherwise indicated, no assessment of potential impact of any other previous uses has been made.

If third parties have been contracted / consulted during compilation of this report, the validity of any data they may have supplied, and which are included in the report, have been assessed as far as possible by EPS however, EPS cannot guarantee the validity of these data.

No part of this report, or references to it, may be included in published documents of any kind without approval from EPS. This report and its contents, together with any supporting correspondence or other documentation, remain the property of Environmental Protection Strategies Ltd until paid for in full.

The report has been written, reviewed and authorised by the persons listed above. It has also undergone EPS' quality management inspection. Should you require any further assistance regarding the information provided within the report, please do not hesitate to contact us.

The National Planning Policy Framework requires a competent person to prepare site investigation information, which is defined as a person with a recognised relevant qualification, sufficient experience in dealing with the type(s) of pollution or land instability, and membership of a relevant professional organisation. EPS considers that it fulfils these criteria and would welcome any request for staff CVs or case studies to demonstrate it.

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Michael Judson
Date :	24th September, 2021
Your reference :	UK20.5052F
Our reference :	Test Report 21/13945 Batch 1
Location :	Pfizer 32 New Lane Havart
Date samples received :	9th September, 2021
Status :	Final report
Issue :	1

Fourteen samples were received for analysis on 9th September, 2021 of which fourteen were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Hayley Prowse
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

Report : Solid

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

EMT Sample No.	1-2	3-4	5-6	7-8	9-10	11-12	13-14	17-18	19-20	23-24	LOD/LOR	Units	Method No.
Sample ID	TP21A	TP23A	TP10A	TP10A	BH9A	TP06A	WS06	WS05A	TP28A	BH07A			
Depth	0.10-0.20	0.30-0.60	0.25-0.40	0.06-0.80	0.40-0.50	0.30-0.40	0.40-0.60	0.25-0.50	0.30-0.50	0.30-0.40			
COC No / misc													
Containers	V J	V J	V J	V J	V J	V J	V J	V J	V J	V J			
Sample Date	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clay	Clayey Silt	Clayey Sand	Clay	Clayey Sand			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021			
Arsenic #M	8.3	6.6	4.9	5.6	2.3	6.8	5.6	3.6	7.1	7.0	<0.5	mg/kg	TM30/PM15
Cadmium #M	<0.1	0.2	0.7	<0.1	<0.1	0.8	0.5	0.4	0.5	0.2	<0.1	mg/kg	TM30/PM15
Chromium #M	62.0	56.5	49.6	63.8	80.5	16.1	34.9	9.1	79.9	69.5	<0.5	mg/kg	TM30/PM15
Copper #M	7	16	7	7	8	7	7	5	14	29	<1	mg/kg	TM30/PM15
Lead #M	<5	15	16	<5	11	57	20	21	38	102	<5	mg/kg	TM30/PM15
Mercury #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM30/PM15
Nickel #M	10.3	8.8	6.3	7.3	4.9	6.3	7.6	4.4	13.5	21.1	<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #M	3121	2578	1303	4279	422	1257	2209	383	382	873	<50	mg/kg	TM50/PM29
Zinc #M	33	36	45	14	20	109	108	57	73	52	<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	<0.04	<0.04	1.17	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	0.05	0.04	<0.03	0.57	<0.03	0.07	<0.03	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	<0.05	<0.05	<0.05	1.49	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	<0.04	<0.04	<0.04	1.75	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Phenanthrene #M	0.07	0.17	0.07	<0.03	11.43	0.14	0.40	<0.03	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	0.10	0.05	<0.04	4.51	0.06	0.21	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Fluoranthene #M	0.34	0.63	0.34	0.05	14.50	0.39	1.12	<0.03	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Pyrene #	0.43	0.99	0.70	0.13	11.92	0.46	0.99	<0.03	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	0.21	0.61	0.33	0.08	6.48	0.21	1.17	<0.06	<0.06	<0.06	<0.06	mg/kg	TM4/PM8
Chrysene #M	0.30	0.60	0.33	0.07	6.25	0.20	1.22	<0.02	<0.02	<0.02	<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	0.50	1.09	0.65	0.21	11.44	0.36	2.19	<0.07	<0.07	<0.07	<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	0.19	0.57	0.37	0.13	7.15	0.20	1.23	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	0.15	0.34	0.25	0.08	4.69	0.14	0.84	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	0.09	0.04	<0.04	0.91	<0.04	0.14	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	0.16	0.34	0.28	0.08	4.61	0.14	0.90	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
PAH 16 Total	2.4	5.6	3.5	0.8	88.9	2.3	10.5	<0.6	<0.6	<0.6	<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.36	0.78	0.47	0.15	8.24	0.26	1.58	<0.05	<0.05	<0.05	<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.14	0.31	0.18	0.06	3.20	0.10	0.61	<0.02	<0.02	<0.02	<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	93	93	98	101	92	97	100	99	78	102	<0	%	TM4/PM8
VOC TICs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		None	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	<3	3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	92	100	97	106	100	101	96	100	105	98	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	86	97	94	106	93	98	87	103	102	96	<0	%	TM15/PM10
SVOC TICs	See Attached	ND	ND	ND	See Attached	ND	See Attached	ND	ND	ND		None	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

Report : Solid

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

EMT Sample No.	1-2	3-4	5-6	7-8	9-10	11-12	13-14	17-18	19-20	23-24	LOD/LOR	Units	Method No.
Sample ID	TP21A	TP23A	TP10A	TP10A	BH9A	TP06A	WS06	WS05A	TP28A	BH07A			
Depth	0.10-0.20	0.30-0.60	0.25-0.40	0.06-0.80	0.40-0.50	0.30-0.40	0.40-0.60	0.25-0.50	0.30-0.50	0.30-0.40			
COC No / misc													
Containers	V J	V J	V J	V J	V J	V J	V J	V J	V J	V J			
Sample Date	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clay	Clayey Silt	Clayey Sand	Clay	Clayey Sand			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021			
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1	0.2	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	3.1	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	110	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	646	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	295	41	100	63	52	<7	47	<7	<7	<7	<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	1054	41	100	63	52	<19	47	<19	<19	<19	<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	0.8	<0.2	<0.2	<0.2	2.8	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	54	<4	<4	<4	44	<4	<4	<4	<4	<4	<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	345	39	<7	<7	301	<7	32	<7	<7	<7	<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	238	164	182	52	644	87	184	<7	<7	<7	<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	638	203	182	52	992	87	216	<19	<19	<19	<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	1692	244	282	115	1044	87	263	<38	<38	<38	<38	mg/kg	TM5/TM36/PM8/PM12/PM16
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	14.2	14.6	9.6	18.2	9.1	6.7	5.2	20.9	14.6	12.7	<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	0.1936	0.3103	0.1938	0.3773	0.1009	0.1615	0.4501	0.0155	0.0354	0.2247	<0.0015	g/l	TM38/PM20
Chromium III	62.0	56.5	49.6	63.8	80.5	16.1	34.9	9.1	79.9	69.5	<0.5	mg/kg	NONE/NONE
Total Cyanide #M	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	mg/kg	TM89/PM45
Organic Matter	0.2	0.3	0.7	<0.2	0.6	0.4	1.3	<0.2	0.3	0.3	<0.2	%	TM21/PM24
pH #M	11.61	11.49	11.10	11.72	10.39	11.09	10.51	9.97	9.00	8.53	<0.01	pH units	TM73/PM11
Sample Type	Clay	Clay	Clay	Clay	Clay	Clay	Clayey Silt	Clayey Sand	Clay	Clayey Sand		None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown		None	PM13/PM0
Other Items	stones	stones	stones	stones	stones	stones	stones	stones	stones	stones, brick		None	PM13/PM0

Please see attached notes for all abbreviations and acronyms

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

Report : Solid

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

EMT Sample No.	25-26	27-28	29-30	31-32							LOD/LOR	Units	Method No.
Sample ID	WS03A	WS04A	TP03A	TP24A									
Depth	0.20-0.40	0.40-0.60	0.30	0.25-0.40									
COC No / misc													
Containers	V J	V J	V J	V J									
Sample Date	07/09/2021	07/09/2021	08/09/2021	08/09/2021									
Sample Type	Clayey Silt	Clay	Clayey Silt	Clay									
Batch Number	1	1	1	1									
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021									
Arsenic #M	6.3	2.9	5.3	9.4							<0.5	mg/kg	TM30/PM15
Cadmium #M	<0.1	0.2	0.3	<0.1							<0.1	mg/kg	TM30/PM15
Chromium #M	44.9	106.0	12.9	62.1							<0.5	mg/kg	TM30/PM15
Copper #M	165	12	6	22							<1	mg/kg	TM30/PM15
Lead #M	1506	5	16	12							<5	mg/kg	TM30/PM15
Mercury #M	<0.1	<0.1	<0.1	<0.1							<0.1	mg/kg	TM30/PM15
Nickel #M	8.1	12.2	7.6	24.2							<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	<1	<1							<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #M	9710	66	743	349							<50	mg/kg	TM50/PM29
Zinc #M	456	18	61	42							<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	<0.05	<0.05	<0.05							<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Phenanthrene #M	0.04	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Fluoranthene #M	0.05	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Pyrene #	0.05	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	<0.06	<0.06	<0.06							<0.06	mg/kg	TM4/PM8
Chrysene #M	0.05	<0.02	<0.02	<0.02							<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	0.10	<0.07	<0.07	<0.07							<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	0.05	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	<0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	<0.6	<0.6	<0.6							<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.07	<0.05	<0.05	<0.05							<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.03	<0.02	<0.02	<0.02							<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	102	97	96	91							<0	%	TM4/PM8
VOC TICs	ND	ND	ND	ND								None	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2							<2	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Toluene #	<3	<3	11	4							<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	34							<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	5							<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	89	105	97	99							<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	69	104	92	106							<0	%	TM15/PM10
SVOC TICs	ND	ND	ND	ND								None	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

Report : Solid

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

EMT Sample No.	25-26	27-28	29-30	31-32							LOD/LOR	Units	Method No.
Sample ID	WS03A	WS04A	TP03A	TP24A									
Depth	0.20-0.40	0.40-0.60	0.30	0.25-0.40									
COC No / misc													
Containers	V J	V J	V J	V J									
Sample Date	07/09/2021	07/09/2021	08/09/2021	08/09/2021									
Sample Type	Clayey Silt	Clay	Clayey Silt	Clay									
Batch Number	1	1	1	1									
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021									
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	<0.1 SV	<0.1	<0.1	<0.1							<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	<0.1 SV	<0.1	<0.1	<0.1							<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1 SV	0.2	<0.1	<0.1							<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	<0.2	<0.2	<0.2	<0.2							<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	<4	<4	<4	<4							<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	<7	<7	<7	<7							<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	<7	<7	<7	<7							<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	<19	<19	<19							<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1 SV	<0.1	<0.1	<0.1							<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1 SV	<0.1	<0.1	<0.1							<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	<0.1 SV	<0.1	<0.1	<0.1							<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	<0.2	<0.2	<0.2							<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	<4	<4	<4	<4							<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	<7	<7	<7	<7							<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	<7	<7	<7	<7							<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	<19	<19	<19	<19							<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	<38	<38	<38	<38							<38	mg/kg	TM5/TM36/PM8/PM12/PM16
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15							<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	9.5	19.9	3.4	17.7							<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6	<0.6							<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3							<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	1.4615	0.0141	0.0596	0.0592							<0.0015	g/l	TM38/PM20
Chromium III	44.9	106.0	12.9	62.1							<0.5	mg/kg	NONE/NONE
Total Cyanide #M	<0.5	<0.5	<0.5	<0.5							<0.5	mg/kg	TM89/PM45
Organic Matter	1.1	<0.2	<0.2	0.3							<0.2	%	TM21/PM24
pH #M	8.11	8.88	9.45	9.88							<0.01	pH units	TM73/PM11
Sample Type	Clayey Silt	Clay	Clayey Silt	Clay								None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown								None	PM13/PM0
Other Items	stones	stones	stones	stones								None	PM13/PM0

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

SVOC Report : **Solid**

EMT Sample No.	1-2	3-4	5-6	7-8	9-10	11-12	13-14	17-18	19-20	23-24	LOD/LOR	Units	Method No.
Sample ID	TP21A	TP23A	TP10A	TP10A	BH9A	TP06A	WS06	WS05A	TP28A	BH07A			
Depth	0.10-0.20	0.30-0.60	0.25-0.40	0.06-0.80	0.40-0.50	0.30-0.40	0.40-0.60	0.25-0.50	0.30-0.50	0.30-0.40			
COC No / misc													
Containers	V J	V J	V J	V J	V J	V J	V J	V J	V J	V J			
Sample Date	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clay	Clayey Silt	Clayey Sand	Clay	Clayey Sand			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021			
SVOC MS													
Phenols													
2-Chlorophenol #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10	12	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10	22	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10	38	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Phenol #M	57	<10	<10	<10	21	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Methylnaphthalene #M	<10	<10	<10	<10	277	<10	15	<10	<10	<10	<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	155	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100	473	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Dimethyl phthalate #M	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Carbazole	<10	<10	<10	<10	823	18	63	<10	<10	<10	<10	ug/kg	TM16/PM8
Dibenzofuran #M	<10	<10	<10	<10	530	11	26	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorobutadiene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Isophorone #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Nitrobenzene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	100	103	89	103	108	104	100	97	101	93	<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	100	94	81	92	101	93	97	83	94	79	<0	%	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

SVOC Report : **Solid**

EMT Sample No.	25-26	27-28	29-30	31-32							LOD/LOR	Units	Method No.
Sample ID	WS03A	WS04A	TP03A	TP24A									
Depth	0.20-0.40	0.40-0.60	0.30	0.25-0.40									
COC No / misc													
Containers	V J	V J	V J	V J									
Sample Date	07/09/2021	07/09/2021	08/09/2021	08/09/2021									
Sample Type	Clayey Silt	Clay	Clayey Silt	Clay									
Batch Number	1	1	1	1									
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021									
SVOC MS													
Phenols													
2-Chlorophenol #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Phenol #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Methylnaphthalene #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Dimethyl phthalate #M	<100	<100	<100	<100							<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Carbazole	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Dibenzofuran #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Hexachlorobutadiene #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Isophorone #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Nitrobenzene #M	<10	<10	<10	<10							<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	95	104	102	105							<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	80	95	85	84							<0	%	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced

All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

VOC Report : **Solid**

EMT Sample No.	1-2	3-4	5-6	7-8	9-10	11-12	13-14	17-18	19-20	23-24	LOD/LOR	Units	Method No.
Sample ID	TP21A	TP23A	TP10A	TP10A	BH9A	TP06A	WS06	WS05A	TP28A	BH07A			
Depth	0.10-0.20	0.30-0.60	0.25-0.40	0.06-0.80	0.40-0.50	0.30-0.40	0.40-0.60	0.25-0.50	0.30-0.50	0.30-0.40			
COC No / misc													
Containers	V J	V J	V J	V J	V J	V J	V J	V J	V J	V J			
Sample Date	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021	07/09/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clay	Clayey Silt	Clayey Sand	Clay	Clayey Sand			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021			
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3	<3	<3	<3	<3	<3	<3	3	<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	<3	3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	92	100	97	106	100	101	96	100	105	98	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	86	97	94	106	93	98	87	103	102	96	<0	%	TM15/PM10

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson
EMT Job No: 21/13945

VOC Report : **Solid**

EMT Sample No.	25-26	27-28	29-30	31-32							LOD/LOR	Units	Method No.
Sample ID	WS03A	WS04A	TP03A	TP24A									
Depth	0.20-0.40	0.40-0.60	0.30	0.25-0.40									
COC No / misc													
Containers	V J	V J	V J	V J									
Sample Date	07/09/2021	07/09/2021	08/09/2021	08/09/2021									
Sample Type	Clayey Silt	Clay	Clayey Silt	Clay									
Batch Number	1	1	1	1									
Date of Receipt	09/09/2021	09/09/2021	09/09/2021	09/09/2021									
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2							<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2							<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2							<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1							<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2							<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2							<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6							<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7							<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	113	<3	<3	<3							<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6							<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
Toluene #	<3	<3	11	4							<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	11	<3	<3	<3							<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	34							<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	5							<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3							<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2							<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3							<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5							<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6	12							<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7							<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7							<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	89	105	97	99							<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	69	104	92	106							<0	%	TM15/PM10

Please see attached notes for all abbreviations and acronyms

Job number: 21/13945
Sample number: 2
Sample identity: TP21A
Sample depth: 0.10-0.20
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
31295-56-4	Dodecane, 2,6,11-trimethyl-	8.181 - 9.971	90,95	6761
544-76-3	Hexadecane	8.303 - 11.851	83,91,93,95,95,95,96	26092
629-62-9	Pentadecane	8.889 - 11.032	89,96	3525
829-26-5	Naphthalene, 2,3,6-trimethyl-	8.989	97	827
2245-38-7	Naphthalene, 1,6,7-trimethyl-	9.021 - 9.104	98,98	2003
629-59-4	Tetradecane	9.146 - 10.400	89,93,93	11531
295-65-8	Cyclohexadecane	9.178	87	150
643-58-3	1,1'-Biphenyl, 2-methyl-	9.344	90	557
2425-77-6	1-Decanol, 2-hexyl-	9.389 - 11.884	90,93	1073
646-31-1	Tetracosane	9.688 - 13.935	90,94,95,97	4718
629-50-5	Tridecane	9.748	89	298
33930-85-7	Benzene, (4,5,5-trimethyl-1,3-cyclopentadien-1-yl)-	9.763	93	553
2717-39-7	1,4,5,8-Tetramethylnaphthalene	9.846	90	409
779-02-2	Anthracene, 9-methyl-	10.913	84	538
1786-12-5	Cyclotetradecane, 1,7,11-trimethyl-4-(1-methylethyl)-	11.006 - 11.226	90,94	1648
89816-75-1	2,6-Dimethyldibenzothiophene	11.082	96	564
55255-85-1	Cyclopentane, 1,1'-[3-(2-cyclopentylethyl)-1,5-pentanediyl]bis-	11.141	91	300
1576-67-6	Phenanthrene, 3,6-dimethyl-	11.336	91	1350
2789-88-0	di-p-Tolylacetylene	11.412	92	777
62016-76-6	Nonadecane, 1-chloro-	11.614	95	902
638-67-5	Tricosane	11.935 - 12.881	90,90,91,91,94	2471
112-95-8	Eicosane	12.113 - 12.999	96,97	3184
593-45-3	Octadecane	12.298	90	739
65119-95-1	22-Tricosenoic acid	12.956	84	188
629-99-2	Pentacosane	14.375	91	182
205-99-2	Benz[e]acephenanthrylene	14.662	92	131
198-55-0	Perylene	14.941	91	238

Job number: 21/13945
Sample number: 10
Sample identity: BH9A
Sample depth: 0.40-0.50
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
90-12-0	Naphthalene, 1-methyl-	7.648	95	322
581-42-0	Naphthalene, 2,6-dimethyl-	8.278 - 8.378	97,98	907
581-40-8	Naphthalene, 2,3-dimethyl-	8.353 - 8.481	97,98	699
575-43-9	Naphthalene, 1,6-dimethyl-	8.572	92	134
829-26-5	Naphthalene, 2,3,6-trimethyl-	8.989	98	425
2131-42-2	Naphthalene, 1,4,6-trimethyl-	9.020	97	290
2245-38-7	Naphthalene, 1,6,7-trimethyl-	9.104 - 9.199	96,98,98	1110
41593-21-9	Fluorene, 1,4-dihydro-	9.389	89	445
2489-86-3	Naphthalene, 1-(2-propenyl)-	9.426	89	326
7320-53-8	Dibenzofuran, 4-methyl-	9.486 - 9.561	94,94	1125
2717-39-7	1,4,5,8-Tetramethylnaphthalene	9.763	86	247
3031-15-0	Naphthalene, 1,2,3,4-tetramethyl-	9.845	87	204
1430-97-3	9H-Fluorene, 2-methyl-	9.882 - 9.915	96,96	907
2523-37-7	9H-Fluorene, 9-methyl-	9.970	86	556
486-25-9	9H-Fluoren-9-one	10.015	93	496
233-02-3	Naphtho[2,1-b]thiophene	10.136	96	838
1140-50-7	3-(N,N-Dimethylamino)carbazole	10.499	83	191
31317-07-4	1-Methyldibenzothiophene	10.711	96	373
2531-84-2	Phenanthrene, 2-methyl-	10.812 - 10.939	96,97,98,98	5172
84-65-1	9,10-Anthracenedione	11.057	93	575
612-94-2	Naphthalene, 2-phenyl-	11.107	96	995
3674-75-7	Phenanthrene, 9-ethyl-	11.217	95	187
3674-69-9	Phenanthrene, 4,5-dimethyl-	11.293	96	484
2789-88-0	di-p-Tolylacetylene	11.344 - 11.462	96,97	1201
781-43-1	9,10-Dimethylanthracene	11.411	90	1503
243-42-5	Benzo[b]naphtho[2,3-d]furan	11.851 - 12.019	94,97,98	2735
313-80-4	Naphtho(2,1,8-def)quinoline	11.893	96	457
33543-31-6	Fluoranthene, 2-methyl-	12.053	97	1275
6722-06-1	[1]Benzopyrano[4,3-b]indole, 6,11-dihydro-	12.104	86	461
238-84-6	11H-Benzo[a]fluorene	12.155	95	3206

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Job number: 21/13945
Sample number: 10
Sample identity: BH9A
Sample depth: 0.40-0.50
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
243-17-4	11H-Benzo[b]fluorene	12.239	94	934
2381-21-7	Pyrene, 1-methyl-	12.281 - 12.425	96,97,98	2848
2435-53-2	Tetrachloro-o-benzoquinone	12.366	91	344
64401-21-4	Pyrene, 1,3-dimethyl-	12.695 - 13.074	80,93,95	1209
479-79-8	11H-Benzo[a]fluoren-11-one	12.746	98	1549
84-15-1	o-Terphenyl	12.830	93	1102
82-05-3	7H-Benz[de]anthracen-7-one	12.889	86	710
227-86-1	Anthra(1,2-b)thiophene	12.914	98	1813
203-12-3	Benzo[ghi]fluoranthene	12.981	83	3827
195-68-6	Phenanthro[4,3-b]thiophene	13.108	83	487
239-35-0	Benzo[b]naphtho[2,1-d]thiophene	13.125	97	772
34777-33-8	Benzo(c)carbazole	13.192	90	1808
239-01-0	11H-Benzo[a]carbazole	13.479	94	1012
71949-03-6	4b,10b-Dihydro-4b,10b-methanochrysene	13.766	95	873
3351-32-4	2-Methylchrysene	13.791 - 13.876	90,98	1905
2541-69-7	Benz[a]anthracene, 7-methyl-	13.834	97	2010
198-55-0	Perylene	14.941	98	6430
220-97-3	11H-Indeno[2,1-a]phenanthrene	15.287	87	1314
3343-10-0	Benz[j]aceanthrylene, 3-methyl-	15.490	92	379
14113-80-5	Cyclodecacyclododecene, 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18-octadecahydro-	16.181	91	1911

Job number: 21/13945
Sample number: 14
Sample identity: WS06
Sample depth: 0.40-0.60
Sample Type: Clayey Silt
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
832-69-9	Phenanthrene, 1-methyl-	10.939	86	142
612-94-2	Naphthalene, 2-phenyl-	11.108	90	154
1576-67-6	Phenanthrene, 3,6-dimethyl-	11.336 - 11.462	92,95	382
2789-88-0	di-p-Tolylacetylene	11.412	92	278
85385-68-8	[14]Annulene, 1,6:8,13-bis(methano)-, syn	11.445	91	133
243-42-5	Benzo[b]naphtho[2,3-d]furan	11.783 - 11.918	93,97	846
2381-21-7	Pyrene, 1-methyl-	12.062 - 12.425	83,90,95,95	954
243-17-4	11H-Benzo[b]fluorene	12.155	93	303
243-46-9	Benzo[b]naphtho[2,3-d]thiophene	12.914 - 13.125	83,91	396
3111-37-3	3-Bromo-5-ethoxy-4-hydroxybenzaldehyde	13.192	95	269
3351-32-4	2-Methylchrysene	13.842	95	364
112-84-5	13-Docosenamide, (Z)-	14.544	94	848
50-32-8	Benzo[a]pyrene	14.763	83	500
198-55-0	Perylene	14.941	98	971

Client Name: EPS Ltd

Reference: UK20.5052F

Location: Pfizer 32 New Lane Havart

Contact: Michael Judson

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	EPH Interpretation
21/13945	1	TP21A	0.10-0.20	1-2	Degraded diesel and naturally occurring compounds
21/13945	1	TP23A	0.30-0.60	3-4	PAHs & Tarmac/Bitumen
21/13945	1	TP10A	0.25-0.40	5-6	Tarmac/Bitumen
21/13945	1	TP10A	0.06-0.80	7-8	Possible naturally occurring compounds
21/13945	1	BH9A	0.40-0.50	9-10	PAHs & Tarmac/Bitumen
21/13945	1	TP06A	0.30-0.40	11-12	Possible Tarmac/Bitumen
21/13945	1	WS06	0.40-0.60	13-14	PAHs & Tarmac/Bitumen
21/13945	1	WS05A	0.25-0.50	17-18	No interpretation possible
21/13945	1	TP28A	0.30-0.50	19-20	No interpretation possible
21/13945	1	BH07A	0.30-0.40	23-24	No interpretation possible
21/13945	1	WS03A	0.20-0.40	25-26	No interpretation possible
21/13945	1	WS04A	0.40-0.60	27-28	No interpretation possible
21/13945	1	TP03A	0.30	29-30	No interpretation possible
21/13945	1	TP24A	0.25-0.40	31-32	No interpretation possible

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson

Note:

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

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

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

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/13945	1	TP21A	0.10-0.20	2	10/09/2021	**General Description (Bulk Analysis)**	Soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	TP23A	0.30-0.60	4	10/09/2021	**General Description (Bulk Analysis)**	Soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	TP10A	0.25-0.40	6	10/09/2021	**General Description (Bulk Analysis)**	Soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	TP10A	0.06-0.80	8	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	BH9A	0.40-0.50	10	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	TP06A	0.30-0.40	12	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	WS06	0.40-0.60	14	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/13945	1	WS06	0.40-0.60	14	10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	WS05A	0.25-0.50	18	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	TP28A	0.30-0.50	20	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	BH07A	0.30-0.40	24	10/09/2021	**General Description (Bulk Analysis)**	Soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	WS03A	0.20-0.40	26	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	WS04A	0.40-0.60	28	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	TP03A	0.30	30	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/13945	1	TP24A	0.25-0.40	32	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer 32 New Lane Havart
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 21/13945						

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

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 21/13945

SOILS

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

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

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

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

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

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

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

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

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

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

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

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

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

WATERS

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

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

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

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

DEVIATING SAMPLES

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

SURROGATES

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

DILUTIONS

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

BLANKS

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

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.
Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

REPORTS FROM THE SOUTH AFRICA LABORATORY

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

Measurement Uncertainty

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

ABBREVIATIONS and ACRONYMS USED

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

HWOL ACRONYMS AND OPERATORS USED

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

EMT Job No: 21/13945

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/SANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.	PM0	No preparation is required.			AR	
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes	Yes	AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM16	Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes		AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes	Yes	AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details			AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details	Yes		AR	Yes
PM13	A visual examination of the solid sample is carried out to ascertain sample make up, colour and any other inclusions. This is not a geotechnical description.	PM0	No preparation is required.			AR	No

EMT Job No: 21/13945

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/SANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes	Yes	AR	Yes
TM21	Modified BS 7755-3:1995, ISO10694:1995 Determination of Total Organic Carbon or Total Carbon by combustion in an Eltra TOC furnace/analyser in the presence of oxygen. The CO2 generated is quantified using infra-red detection. Organic Matter (SOM) calculated as per EA MCERTS Chemical Testing of Soil, March 2012 v4.	PM24	Dried and ground solid samples are washed with hydrochloric acid, then rinsed with deionised water to remove the mineral carbon before TOC analysis.			AD	Yes
TM26	Determination of phenols by Reversed Phased High Performance Liquid Chromatography and Electro-Chemical Detection.	PM21B	As Received samples are extracted in Methanol: Water (60:40) by reciprocal shaker.			AR	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP 6010B, Rev.2, Dec.1996; Modified EPA Method 3050B, Rev.2, Dec.1996	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 °C. Samples containing asbestos are not dried and ground.	Yes	Yes	AD	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GCFID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GCFID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GCFID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes	Yes	AR	Yes

EMT Job No: 21/13945

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/SANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013l	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes	Yes	AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013l	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AR	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013l	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes		AR	Yes
TM50	Acid soluble sulphate (Total Sulphate) analysed by ICP-OES	PM29	A hot hydrochloric acid digest is performed on a dried and ground sample, and the resulting liquor is analysed.	Yes	Yes	AD	Yes
TM65	Asbestos Bulk Identification method based on HSG 248 First edition (2006)	PM42	Modified SCA Blue Book V.12 draft 2017 and WM3 1st Edition v1.1:2018. Solid samples undergo a thorough visual inspection for asbestos fibres prior to asbestos identification using TM065.	Yes		AR	
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM11	Extraction of as received solid samples using one part solid to 2.5 parts deionised water.	Yes	Yes	AR	No
TM89	Modified USEPA method OIA-1667 (1999). Determination of cyanide by Flow Injection Analyser. Where WAD cyanides are required a Ligand displacement step is carried out before analysis.	PM45	As received solid samples are extracted with 1M NaOH by orbital shaker for Cyanide, Sulphide and Thiocyanate analysis.	Yes	Yes	AR	Yes
NONE	No Method Code	NONE	No Method Code			AD	Yes
TM15_A	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds, Vinyl Chloride & Styrene by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Michael Judson
Date :	24th September, 2021
Your reference :	UK20.5052f
Our reference :	Test Report 21/14010 Batch 1
Location :	Pfizer Havant
Date samples received :	10th September, 2021
Status :	Final report
Issue :	1

Five samples were received for analysis on 10th September, 2021 of which five were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Hayley Prowse
Project Manager

Please include all sections of this report if it is reproduced

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/14010

Report : Solid

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

EMT Sample No.	1-2	3-7	8-9	10-11	12-13						LOD/LOR	Units	Method No.
Sample ID	TP06a	TP07a	TP25a	TP28a	WS05a								
Depth	0.30-0.40	0.30-0.40	0.30-0.50	0.30-0.50	0.25-0.40								
COC No / misc													
Containers	V J	V J	V J	V J	V J								
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021								
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand								
Batch Number	1	1	1	1	1								
Date of Receipt	10/09/2021	10/09/2021	10/09/2021	10/09/2021	10/09/2021								
Arsenic #M	6.9	11.8	6.3	3.0	4.5						<0.5	mg/kg	TM30/PM15
Cadmium #M	<0.1	0.1	0.4	0.5	0.7						<0.1	mg/kg	TM30/PM15
Chromium #M	75.0	60.3	23.2	12.7	8.6						<0.5	mg/kg	TM30/PM15
Copper #M	9	18	8	2	3						<1	mg/kg	TM30/PM15
Lead #M	10	87	50	9	10						<5	mg/kg	TM30/PM15
Mercury #M	<0.1	0.2	<0.1	<0.1	<0.1						<0.1	mg/kg	TM30/PM15
Nickel #M	13.5	10.4	5.7	2.9	3.3						<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	<1	<1	<1						<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #M	238	510	1812	647	538						<50	mg/kg	TM50/PM29
Zinc #M	31	89	88	68	62						<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	<0.04	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	<0.03	<0.03	<0.03						<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	<0.05	<0.05	<0.05	<0.05						<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	<0.04	<0.04	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
Phenanthrene #M	<0.03	0.15	<0.03	<0.03	<0.03						<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	<0.04	<0.04	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
Fluoranthene #M	<0.03	0.26	0.04	<0.03	<0.03						<0.03	mg/kg	TM4/PM8
Pyrene #	<0.03	0.21	0.04	<0.03	<0.03						<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	0.16	<0.06	<0.06	<0.06						<0.06	mg/kg	TM4/PM8
Chrysene #M	<0.02	0.16	<0.02	<0.02	<0.02						<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	<0.07	0.29	<0.07	<0.07	<0.07						<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	<0.04	0.14	<0.04	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	<0.04	0.09	<0.04	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	<0.04	<0.04	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04	0.11	<0.04	<0.04	<0.04						<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	1.6	<0.6	<0.6	<0.6						<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	0.21	<0.05	<0.05	<0.05						<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	0.08	<0.02	<0.02	<0.02						<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	83	82	83	82	86						<0	%	TM4/PM8

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/14010

Report : Solid

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

EMT Sample No.	1-2	3-7	8-9	10-11	12-13							
Sample ID	TP06a	TP07a	TP25a	TP28a	WS05a							
Depth	0.30-0.40	0.30-0.40	0.30-0.50	0.30-0.50	0.25-0.40							
COC No / misc												
Containers	V J	V J	V J	V J	V J							
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021							
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand							
Batch Number	1	1	1	1	1							
Date of Receipt	10/09/2021	10/09/2021	10/09/2021	10/09/2021	10/09/2021							

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
VOC MS (Methanol Preserve)													
Dichlorodifluoromethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Methyl Tertiary Butyl Ether	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Chloromethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Vinyl Chloride	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Bromomethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Chloroethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Trichlorofluoromethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,1-Dichloroethene (1,1 DCE)	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Dichloromethane (DCM)	-	<50	-	-	-						<50	ug/kg	TM152/PM104
trans-1-2-Dichloroethene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,1-Dichloroethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
cis-1-2-Dichloroethene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
2,2-Dichloropropane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Bromochloromethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Chloroform	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,1,1-Trichloroethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,1-Dichloropropene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Carbon tetrachloride	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2-Dichloroethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Benzene #	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Trichloroethene (TCE)	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2-Dichloropropane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Dibromomethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Bromodichloromethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
cis-1-3-Dichloropropene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Toluene #	-	<50	-	-	-						<50	ug/kg	TM152/PM104
trans-1-3-Dichloropropene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,1,2-Trichloroethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Tetrachloroethene (PCE)	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,3-Dichloropropane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Dibromochloromethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2-Dibromoethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Chlorobenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,1,1,2-Tetrachloroethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Ethylbenzene #	-	<50	-	-	-						<50	ug/kg	TM152/PM104
m/p-Xylene #	-	<100	-	-	-						<100	ug/kg	TM152/PM104
o-Xylene #	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Styrene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Bromoform	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Isopropylbenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,1,2,2-Tetrachloroethane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Bromobenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2,3-Trichloropropane	-	<50	-	-	-						<50	ug/kg	TM152/PM104

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/14010

Report : Solid

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

EMT Sample No.	1-2	3-7	8-9	10-11	12-13						LOD/LOR	Units	Method No.
Sample ID	TP06a	TP07a	TP25a	TP28a	WS05a								
Depth	0.30-0.40	0.30-0.40	0.30-0.50	0.30-0.50	0.25-0.40								
COC No / misc													
Containers	V J	V J	V J	V J	V J								
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021								
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand								
Batch Number	1	1	1	1	1								
Date of Receipt	10/09/2021	10/09/2021	10/09/2021	10/09/2021	10/09/2021								
VOC MS (Methanol Preserve) Continued													
Propylbenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
2-Chlorotoluene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,3,5-Trimethylbenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
4-Chlorotoluene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
tert-Butylbenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2,4-Trimethylbenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
sec-Butylbenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
4-Isopropyltoluene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,3-Dichlorobenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,4-Dichlorobenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
n-Butylbenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2-Dichlorobenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2-Dibromo-3-chloropropane	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2,4-Trichlorobenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Hexachlorobutadiene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Naphthalene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
1,2,3-Trichlorobenzene	-	<50	-	-	-						<50	ug/kg	TM152/PM104
Surrogate Recovery Toluene D8	-	100	-	-	-						<0	%	TM152/PM104
Surrogate Recovery 4-Bromofluorobenzene	-	101	-	-	-						<0	%	TM152/PM104
VOC TICs	ND	ND	ND	ND	ND							None	TM15/PM10
VOC TICs	-	ND	-	-	-							None	TM152/PM104
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Toluene #	<3	4	5	5	5						<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5						<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	96	89	101	102	103						<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	98	75	96	96	97						<0	%	TM15/PM10
SVOC TICs	ND	ND	ND	ND	See Attached							None	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/14010

Report : Solid

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

EMT Sample No.	1-2	3-7	8-9	10-11	12-13						LOD/LOR	Units	Method No.
Sample ID	TP06a	TP07a	TP25a	TP28a	WS05a								
Depth	0.30-0.40	0.30-0.40	0.30-0.50	0.30-0.50	0.25-0.40								
COC No / misc													
Containers	V J	V J	V J	V J	V J								
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021								
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand								
Batch Number	1	1	1	1	1								
Date of Receipt	10/09/2021	10/09/2021	10/09/2021	10/09/2021	10/09/2021								
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1						<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1						<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1	<0.1	<0.1						<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	<0.2	<0.2	<0.2	<0.2	<0.2						<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	<4	<4	<4	<4	<4						<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	<7	<7	<7	<7	<7						<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	<7	<7	<7	<7	<7						<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	<19	<19	<19	<19						<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1						<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1						<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	<0.1	<0.1	<0.1	<0.1	<0.1						<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	<0.2	<0.2	<0.2	<0.2						<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	<4	<4	<4	<4	<4						<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	<7	<7	<7	<7	<7						<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	<7	<7	<7	<7	<7						<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	<19	<19	<19	<19	<19						<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	<38	<38	<38	<38	<38						<38	mg/kg	TM5/TM36/PM8/PM12/PM16
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15						<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	22.3	17.3	5.8	3.8	3.2						<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	0.7	<0.6	2.7	<0.6						<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3						<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	0.0370	0.1050	0.3339	0.0997	0.0374						<0.0015	g/l	TM38/PM20
Chromium III	75.0	60.3	23.2	12.7	8.6						<0.5	mg/kg	NONE/NONE
Total Cyanide #M	<0.5	<0.5	<0.5	<0.5	<0.5						<0.5	mg/kg	TM89/PM45
Organic Matter	<0.2	2.9	<0.2	<0.2	<0.2						<0.2	%	TM21/PM24
pH #M	11.12	7.07	11.17	11.01	11.26						<0.01	pH units	TM73/PM11
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand							None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown							None	PM13/PM0
Other Items	stones	stones, brick	stones	stones	stones							None	PM13/PM0

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/14010

SVOC Report : **Solid**

EMT Sample No.	1-2	3-7	8-9	10-11	12-13						LOD/LOR	Units	Method No.
Sample ID	TP06a	TP07a	TP25a	TP28a	WS05a								
Depth	0.30-0.40	0.30-0.40	0.30-0.50	0.30-0.50	0.25-0.40								
COC No / misc													
Containers	V J	V J	V J	V J	V J								
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021								
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand								
Batch Number	1	1	1	1	1								
Date of Receipt	10/09/2021	10/09/2021	10/09/2021	10/09/2021	10/09/2021								
SVOC MS													
Phenols													
2-Chlorophenol #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Phenol #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2-Methylnaphthalene #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100	<100	<100						<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100	<100						<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100	<100	<100						<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100	<100						<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100	<100						<100	ug/kg	TM16/PM8
Dimethyl phthalate #M	<100	<100	<100	<100	<100						<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Carbazole	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Dibenzofuran #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Hexachlorobutadiene #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Isophorone #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Nitrobenzene #M	<10	<10	<10	<10	<10						<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	110	96	109	97	98						<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	95	83	93	81	85						<0	%	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/14010

VOC Report : **Solid**

EMT Sample No.	1-2	3-7	8-9	10-11	12-13							
Sample ID	TP06a	TP07a	TP25a	TP28a	WS05a							
Depth	0.30-0.40	0.30-0.40	0.30-0.50	0.30-0.50	0.25-0.40							
COC No / misc												
Containers	V J	V J	V J	V J	V J							
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021							
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand							
Batch Number	1	1	1	1	1							
Date of Receipt	10/09/2021	10/09/2021	10/09/2021	10/09/2021	10/09/2021							

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2						<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1						<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6						<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7						<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6						<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Toluene #	<3	4	5	5	5						<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5						<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3						<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2						<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3						<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5	<5						<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6	<6	<6						<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7						<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4						<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27	<27	<27						<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7						<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	96	89	101	102	103						<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	98	75	96	96	97						<0	%	TM15/PM10

Please include all sections of this report if it is reproduced

All solid results are expressed on a dry weight basis unless stated otherwise.

Job number: 21/14010
Sample number: 13
Sample identity: WS05a
Sample depth: 0.25-0.40
Sample Type: Clayey Sand
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
100-51-6	Benzyl Alcohol	5.205	96	494

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd

Reference: UK20.5052f

Location: Pfizer Havant

Contact: Michael Judson

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	EPH Interpretation
21/14010	1	TP06a	0.30-0.40	1-2	No interpretation possible
21/14010	1	TP07a	0.30-0.40	3-7	No interpretation possible
21/14010	1	TP25a	0.30-0.50	8-9	No interpretation possible
21/14010	1	TP28a	0.30-0.50	10-11	No interpretation possible
21/14010	1	WS05a	0.25-0.40	12-13	No interpretation possible

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Note:

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

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

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

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/14010	1	TP06a	0.30-0.40	2	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/14010	1	TP07a	0.30-0.40	5	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/14010	1	TP25a	0.30-0.50	9	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/14010	1	TP28a	0.30-0.50	11	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD
21/14010	1	WS05a	0.25-0.40	13	10/09/2021	**General Description (Bulk Analysis)**	soil
					10/09/2021	**Asbestos Fibres**	NAD
					10/09/2021	**Asbestos ACM**	NAD
					10/09/2021	**Asbestos Type**	NAD
					10/09/2021	**Asbestos Level Screen**	NAD

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 21/14010						

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

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Michael Judson
Date :	17th September, 2021
Your reference :	UK20.5052F
Our reference :	Test Report 21/14181 Batch 1
Location :	Pfizer Havent
Date samples received :	14th September, 2021
Status :	Final Report
Issue :	1

Eight samples were received for analysis on 14th September, 2021 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Hayley Prowse
Project Manager

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Element Materials Technology Environmental UK Limited
Registered in England and Wales
Registered Office: 10 Lower Grosvenor Place, London, SW1W 0EN
Company Registration No: 11371415

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson
EMT Job No: 21/14181

Report : Solid

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

EMT Sample No.	5-6	7-10	15-18	19-21	22-25	26-28					LOD/LOR	Units	Method No.
Sample ID	WS16A	WS16A	WS17A	WS17A	WS18A	WS18A							
Depth	1.50	1.55	1.25	1.30	0.30-0.50	0.40							
COC No / misc													
Containers	V	V	V	V	V	V							
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021							
Sample Type	Soil	Clay	Clay	Soil	Clay	Soil							
Batch Number	1	1	1	1	1	1							
Date of Receipt	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021							
Arsenic #M	-	10.9	9.6	-	6.7	-					<0.5	mg/kg	TM30/PM15
Cadmium #M	-	<0.1	<0.1	-	0.6	-					<0.1	mg/kg	TM30/PM15
Chromium #M	-	47.9	51.2	-	38.8	-					<0.5	mg/kg	TM30/PM15
Copper #M	-	14	14	-	9	-					<1	mg/kg	TM30/PM15
Lead #M	-	10	26	-	10	-					<5	mg/kg	TM30/PM15
Mercury #M	-	<0.1	<0.1	-	<0.1	-					<0.1	mg/kg	TM30/PM15
Nickel #M	-	27.4	21.6	-	13.5	-					<0.7	mg/kg	TM30/PM15
Selenium #M	-	<1	1	-	<1	-					<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #M	-	77	207	-	559	-					<50	mg/kg	TM50/PM29
Zinc #M	-	65	59	-	96	-					<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	-	<0.04	<0.04	-	<0.04	-					<0.04	mg/kg	TM4/PM8
Acenaphthylene	-	<0.03	<0.03	-	<0.03	-					<0.03	mg/kg	TM4/PM8
Acenaphthene #M	-	<0.05	<0.05	-	<0.05	-					<0.05	mg/kg	TM4/PM8
Fluorene #M	-	<0.04	<0.04	-	<0.04	-					<0.04	mg/kg	TM4/PM8
Phenanthrene #M	-	<0.03	<0.03	-	<0.03	-					<0.03	mg/kg	TM4/PM8
Anthracene #	-	<0.04	<0.04	-	<0.04	-					<0.04	mg/kg	TM4/PM8
Fluoranthene #M	-	<0.03	<0.03	-	<0.03	-					<0.03	mg/kg	TM4/PM8
Pyrene #	-	<0.03	<0.03	-	<0.03	-					<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	-	<0.06	<0.06	-	<0.06	-					<0.06	mg/kg	TM4/PM8
Chrysene #M	-	<0.02	<0.02	-	<0.02	-					<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	-	<0.07	<0.07	-	<0.07	-					<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	-	<0.04	<0.04	-	<0.04	-					<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	-	<0.04	<0.04	-	<0.04	-					<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	-	<0.04	<0.04	-	<0.04	-					<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	-	<0.04	<0.04	-	<0.04	-					<0.04	mg/kg	TM4/PM8
PAH 16 Total	-	<0.6	<0.6	-	<0.6	-					<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	-	<0.05	<0.05	-	<0.05	-					<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	-	<0.02	<0.02	-	<0.02	-					<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	-	94	95	-	94	-					<0	%	TM4/PM8

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson
EMT Job No: 21/14181

Report : Solid

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

Please see attached notes for all abbreviations and acronyms

EMT Sample No.	5-6	7-10	15-18	19-21	22-25	26-28					LOD/LOR	Units	Method No.
Sample ID	WS16A	WS16A	WS17A	WS17A	WS18A	WS18A							
Depth	1.50	1.55	1.25	1.30	0.30-0.50	0.40							
COC No / misc													
Containers	V	V	V	V	V	V							
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021							
Sample Type	Soil	Clay	Clay	Soil	Clay	Soil							
Batch Number	1	1	1	1	1	1							
Date of Receipt	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021							
VOC MS (Methanol Preserve)													
Dichlorodifluoromethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Methyl Tertiary Butyl Ether	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Chloromethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Vinyl Chloride	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Bromomethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Chloroethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Trichlorofluoromethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,1-Dichloroethene (1,1 DCE)	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Dichloromethane (DCM)	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
trans-1-2-Dichloroethene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,1-Dichloroethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
cis-1-2-Dichloroethene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
2,2-Dichloropropane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Bromochloromethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Chloroform	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,1,1-Trichloroethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,1-Dichloropropene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Carbon tetrachloride	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2-Dichloroethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Benzene #	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Trichloroethene (TCE)	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2-Dichloropropane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Dibromomethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Bromodichloromethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
cis-1-3-Dichloropropene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Toluene #	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
trans-1-3-Dichloropropene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,1,2-Trichloroethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Tetrachloroethene (PCE)	<50	-	-	<50	-	257					<50	ug/kg	TM152/PM104
1,3-Dichloropropane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Dibromochloromethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2-Dibromoethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Chlorobenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,1,1,2-Tetrachloroethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Ethylbenzene #	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
m/p-Xylene #	<100	-	-	<100	-	<100					<100	ug/kg	TM152/PM104
o-Xylene #	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Styrene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Bromoform	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Isopropylbenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,1,2,2-Tetrachloroethane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Bromobenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2,3-Trichloropropane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson
EMT Job No: 21/14181

Report : Solid

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

Please see attached notes for all abbreviations and acronyms

EMT Sample No.	5-6	7-10	15-18	19-21	22-25	26-28					LOD/LOR	Units	Method No.
Sample ID	WS16A	WS16A	WS17A	WS17A	WS18A	WS18A							
Depth	1.50	1.55	1.25	1.30	0.30-0.50	0.40							
COC No / misc													
Containers	V	V	V	V	V	V							
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021							
Sample Type	Soil	Clay	Clay	Soil	Clay	Soil							
Batch Number	1	1	1	1	1	1							
Date of Receipt	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021							
VOC MS (Methanol Preserve) Continued													
Propylbenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
2-Chlorotoluene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,3,5-Trimethylbenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
4-Chlorotoluene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
tert-Butylbenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2,4-Trimethylbenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
sec-Butylbenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
4-Isopropyltoluene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,3-Dichlorobenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,4-Dichlorobenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
n-Butylbenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2-Dichlorobenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2-Dibromo-3-chloropropane	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2,4-Trichlorobenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Hexachlorobutadiene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Naphthalene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
1,2,3-Trichlorobenzene	<50	-	-	<50	-	<50					<50	ug/kg	TM152/PM104
Surrogate Recovery Toluene D8	87	-	-	81	-	100					<0	%	TM152/PM104
Surrogate Recovery 4-Bromofluorobenzene	85	-	-	82	-	100					<0	%	TM152/PM104
VOC TICs	-	ND	ND	-	ND	-						None	TM15/PM10
VOC TICs	ND	-	-	ND	-	ND						None	TM152/PM104
Methyl Tertiary Butyl Ether #M	-	<6	<6	-	<6	-					<6	ug/kg	TM15/PM10
Benzene #M	-	<5	<5	-	<5	-					<5	ug/kg	TM15/PM10
Toluene #M	-	<3	<3	-	<3	-					<3	ug/kg	TM15/PM10
Ethylbenzene #M	-	<3	<3	-	<3	-					<3	ug/kg	TM15/PM10
m/p-Xylene #M	-	<4	<4	-	<4	-					<4	ug/kg	TM15/PM10
o-Xylene #M	-	<4	<4	-	<4	-					<4	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	-	91	85	-	90	-					<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	-	104	91	-	90	-					<0	%	TM15/PM10
SVOC TICs	-	ND	ND	-	ND	-						None	TM16/PM8

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson
EMT Job No: 21/14181

Report : Solid

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

EMT Sample No.	5-6	7-10	15-18	19-21	22-25	26-28					LOD/LOR	Units	Method No.
Sample ID	WS16A	WS16A	WS17A	WS17A	WS18A	WS18A							
Depth	1.50	1.55	1.25	1.30	0.30-0.50	0.40							
COC No / misc													
Containers	V	V	V	V	V	V							
Sample Date	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021	09/09/2021							
Sample Type	Soil	Clay	Clay	Soil	Clay	Soil							
Batch Number	1	1	1	1	1	1							
Date of Receipt	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021	14/09/2021							
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	-	<0.1	<0.1	-	<0.1	-					<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	-	<0.1	<0.1	-	<0.1	-					<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	-	<0.1	<0.1	-	<0.1	-					<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	-	<0.2	<0.2	-	<0.2	-					<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	-	<4	<4	-	<4	-					<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	-	<7	<7	-	<7	-					<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	-	<7	<7	-	<7	-					<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	-	<19	<19	-	<19	-					<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	-	<0.1	<0.1	-	<0.1	-					<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	-	<0.1	<0.1	-	<0.1	-					<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	-	<0.1	<0.1	-	<0.1	-					<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	-	<0.2	<0.2	-	<0.2	-					<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	-	<4	<4	-	<4	-					<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	-	<7	<7	-	<7	-					<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	-	<7	<7	-	<7	-					<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	-	<19	<19	-	<19	-					<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	-	<38	<38	-	<38	-					<38	mg/kg	TM5/TM36/PM8/PM12/PM16
Total Phenols HPLC	-	<0.15	<0.15	-	<0.15	-					<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	19.4	21.9	21.5	23.0	17.9	16.1					<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	-	<0.6	<0.6	-	<0.6	-					<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	-	<0.3	<0.3	-	<0.3	-					<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	-	0.0183	0.0321	-	0.0729	-					<0.0015	g/l	TM38/PM20
Chromium III	-	47.9	51.2	-	38.8	-					<0.5	mg/kg	NONE/NONE
Total Cyanide #M	-	<0.5	<0.5	-	<0.5	-					<0.5	mg/kg	TM89/PM45
Organic Matter	-	<0.2	0.7	-	0.3	-					<0.2	%	TM21/PM24
pH #M	-	8.32	8.92	-	8.42	-					<0.01	pH units	TM73/PM11
Sample Type	-	Clay	Clay	-	Clay	-						None	PM13/PM0
Sample Colour	-	Medium Brown	Medium Brown	-	Medium Brown	-						None	PM13/PM0
Other Items	-	stones	stones	-	stones, chalk	-						None	PM13/PM0

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson
EMT Job No: 21/14181

SVOC Report : **Solid**

EMT Sample No.	7-10	15-18	22-25									
Sample ID	WS16A	WS17A	WS18A									
Depth	1.55	1.25	0.30-0.50									
COC No / misc												
Containers	V	V	V									
Sample Date	09/09/2021	09/09/2021	09/09/2021									
Sample Type	Clay	Clay	Clay									
Batch Number	1	1	1									
Date of Receipt	14/09/2021	14/09/2021	14/09/2021									

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
SVOC MS													
Phenols													
2-Chlorophenol #M	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #M	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
Phenol #M	<10	<10	<10								<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #M	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Methylnaphthalene #M	<10	<10	<10								<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Dimethyl phthalate #M	<100	<100	<100								<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #M	<10	<10	<10								<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10								<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10								<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #M	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10								<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10								<10	ug/kg	TM16/PM8
Carbazole	<10	<10	<10								<10	ug/kg	TM16/PM8
Dibenzofuran #M	<10	<10	<10								<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
Hexachlorobutadiene #M	<10	<10	<10								<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10								<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10								<10	ug/kg	TM16/PM8
Isophorone #M	<10	<10	<10								<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #M	<10	<10	<10								<10	ug/kg	TM16/PM8
Nitrobenzene #M	<10	<10	<10								<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	112	116	114								<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	109	122	117								<0	%	TM16/PM8

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson
EMT Job No: 21/14181

VOC Report : **Solid**

EMT Sample No.	7-10	15-18	22-25									
Sample ID	WS16A	WS17A	WS18A									
Depth	1.55	1.25	0.30-0.50									
COC No / misc												
Containers	V	V	V									
Sample Date	09/09/2021	09/09/2021	09/09/2021									
Sample Type	Clay	Clay	Clay									
Batch Number	1	1	1									
Date of Receipt	14/09/2021	14/09/2021	14/09/2021									
VOC MS												
Dichlorodifluoromethane	<2	<2	<2								<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #M	<6	<6	<6								<6	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2								<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1								<1	ug/kg	TM15/PM10
Chloroethane #M	<6	<6	<6								<6	ug/kg	TM15/PM10
Trichlorofluoromethane #M	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #M	<6	<6	<6								<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7								<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1-Dichloroethane #M	<6	<6	<6								<6	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #M	<7	<7	<7								<7	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4								<4	ug/kg	TM15/PM10
Bromochloromethane #M	<4	<4	<4								<4	ug/kg	TM15/PM10
Chloroform #M	<5	<5	<5								<5	ug/kg	TM15/PM10
1,1,1-Trichloroethane #M	<5	<5	<5								<5	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3								<3	ug/kg	TM15/PM10
Carbon tetrachloride #M	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2-Dichloroethane #M	<5	<5	<5								<5	ug/kg	TM15/PM10
Benzene #M	<5	<5	<5								<5	ug/kg	TM15/PM10
Trichloroethene (TCE) #M	<5	<5	<5								<5	ug/kg	TM15/PM10
1,2-Dichloropropane #M	<4	<4	<4								<4	ug/kg	TM15/PM10
Dibromomethane #M	<4	<4	<4								<4	ug/kg	TM15/PM10
Bromodichloromethane #M	<4	<4	<4								<4	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4								<4	ug/kg	TM15/PM10
Toluene #M	<3	<3	<3								<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #M	<4	<4	<4								<4	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	13								<3	ug/kg	TM15/PM10
1,3-Dichloropropane #M	<4	<4	<4								<4	ug/kg	TM15/PM10
Dibromochloromethane #M	<5	<5	<5								<5	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Chlorobenzene #M	<4	<4	<4								<4	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #M	<5	<5	<5								<5	ug/kg	TM15/PM10
Ethylbenzene #M	<3	<3	<3								<3	ug/kg	TM15/PM10
m/p-Xylene #M	<4	<4	<4								<4	ug/kg	TM15/PM10
o-Xylene #M	<4	<4	<4								<4	ug/kg	TM15/PM10
Styrene	<3	<3	<3								<3	ug/kg	TM15_A/PM10
Bromoform	<4	<4	<4								<4	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #M	<3	<3	<3								<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2								<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #M	<4	<4	<4								<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3								<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3								<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3								<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5								<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6								<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #M	<4	<4	<4								<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #M	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7								<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4								<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27								<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7								<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	91	85	90								<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	104	91	90								<0	%	TM15/PM10

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd

Reference: UK20.5052F

Location: Pfizer Havent

Contact: Michael Judson

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	EPH Interpretation
21/14181	1	WS16A	1.55	7-10	No interpretation possible
21/14181	1	WS17A	1.25	15-18	No interpretation possible
21/14181	1	WS18A	0.30-0.50	22-25	No interpretation possible

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson

Note:

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

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

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

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/14181	1	WS16A	1.55	9	15/09/2021	**General Description (Bulk Analysis)**	soil
					15/09/2021	**Asbestos Fibres**	NAD
					15/09/2021	**Asbestos ACM**	NAD
					15/09/2021	**Asbestos Type**	NAD
					15/09/2021	**Asbestos Level Screen**	NAD
21/14181	1	WS17A	1.25	17	15/09/2021	**General Description (Bulk Analysis)**	soil
					15/09/2021	**Asbestos Fibres**	NAD
					15/09/2021	**Asbestos ACM**	NAD
					15/09/2021	**Asbestos Type**	NAD
					15/09/2021	**Asbestos Level Screen**	NAD
21/14181	1	WS18A	0.30-0.50	24	15/09/2021	**General Description (Bulk Analysis)**	Soil
					15/09/2021	**Asbestos Fibres**	NAD
					15/09/2021	**Asbestos ACM**	NAD
					15/09/2021	**Asbestos Type**	NAD
					15/09/2021	**Asbestos Level Screen**	NAD

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havent
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 21/14181						

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

Please include all sections of this report if it is reproduced

APPENDIX E

Site Specific Borehole and Trial Pit Logs

Borehole Log

Borehole No. **BH7**

Sheet 1 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type CP
Location: 32 New Lane, Havant, PO9 2NG		Level: 0.00 m AOD	Scale 1:51
Client:		Dates: 28/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing: Depth (m)	Type	In Situ Results	Depth (m)	Level (m)	Legend	Stratum Description
					0.20	0.00		Concrete
		0.30 - 0.40	D					Made Ground: brown sandy gravelly CLAY with brick fragments.
		0.30 - 0.40	ES					
		0.30	PID	PID=0.00				
					0.90	-0.20		Very stiff yellowish brown slightly sandy gravelly silty CLAY with occasional light orangish brown mottling. Gravel is white and grey fine to coarse angular to subrounded chert (RTD)
		1.20 - 1.65	D					
		1.20	SPT	N=28 (4,5/6,6,7,9)				
		1.20	PID	PID=0.00				
					1.90	-0.90		Dense, brown, black and white slightly clayey slightly silty very sandy angular to rounded chert GRAVEL. Sand is brown (RTD)
		2.00 - 2.45	D					
		2.00	SPT	N=42 (5,7/8,8,11,15)				
		2.00	PID	PID=0.00				
		2.50 - 3.00	B					
		3.00 - 3.45	D					
		3.00	SPT	50 (12,13/50 for 150mm)				
		3.00	PID	PID=0.00				
		3.50 - 4.00	B					
		4.00 - 4.45	D					
		4.00	SPT	50 (19,6/50 for 150mm)				
		4.00	PID	PID=0.00				
		5.00 - 5.45	D					
		5.00	SPT	50 (12,13/50 for 225mm)				
		5.00	PID	PID=0.00				
		6.00 - 6.10	D					
		6.00	PID	PID=0.00				
					6.30	-1.90		Soft brownish yellow slightly sandy slightly gravelly silty CLAY with occasional reddish yellow mottling. Gravel is white, grey and brown fine and medium angular to subrounded chert (LC)
		6.50 - 6.95	D					
		6.50	SPT	N=11 (2,3/2,3,3,3)				
		6.50	PID	PID=0.00				
		7.00 - 7.50	B					
		8.00 - 8.45	D					
		8.00	SPT	N=12 (2,3/3,3,3,3)				
		8.00	PID	PID=0.00				
		9.00 - 9.10	D					
					9.20	-6.30		Firm grey clayey SILT. (LC)
		9.50 - 9.95	D					
		9.50	SPT	N=23 (4,3/5,5,5,8)				
		10.00	PID	PID=0.00				

Remarks

RTD - River Terrace Deposits

LC - London Clay Formation

Borehole Log

Borehole No. **BH7**

Sheet 2 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type CP
Location: 32 New Lane, Havant, PO9 2NG		Level: 0.00 m AOD	Scale 1:51
Client:		Dates: 28/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
		10.50 - 10.60	D					Firm grey clayey SILT. (LC)
		11.00 - 11.45	D					
		11.00	SPT	N=24 (4,5/5,5,7,7)				
		11.00	PID	PID=0.00				
		12.00	SPT	N=27 (3,5/5,7,7,8)	12.00	-9.20		End of Borehole at 12.450m

Remarks

RTD - River Terrace Deposits

LC - London Clay Formation

Borehole Log

Borehole No. **BH9**

Sheet 1 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type CP
Location: 32 New Lane, Havant, PO9 2NG		Level: 0.00 m AOD	Scale 1:51
Client:		Dates: 26/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing: Depth (m)	Type	In Situ Results	Depth (m)	Level (m)	Legend	Stratum Description
					0.30	0.00		Concrete
		0.40 - 0.50 0.40 - 0.50 0.40	D ES PID	 PID=0.00				Made Ground: brownish grey slightly clayey sandy GRAVEL with brick fragments.
		1.00 - 1.10 1.00 1.00	D SPT PID	 50 (25,0/50 for 0mm) PID=0.00	1.10	-0.30		Very dense black brown and white sandy GRAVEL. Gravel is angular to sub-angular fine to coarse flints. (RTD)
		2.00 - 2.45 2.00 2.00 2.50 - 3.00	D SPT PID B	 50 (12,13/50 for 112mm) PID=0.00 	2.40	-1.10		Very dense brown, white and black slightly silty very sandy angular to rounded chert GRAVEL. Sand is yellowish brown (RTD)
		3.00 - 3.45 3.00 3.00	D SPT PID	 50 (20,5/50 for 85mm) PID=0.00				
		4.00 - 4.45 4.00 4.00	D SPT PID	 50 (21,4/50 for 102mm) PID=0.00				
		5.00 - 5.45 5.00 5.00	D SPT PID	 50 (19,6/50 for 150mm) PID=0.00	5.50	-2.40		Firm locally stiff yellowish brown slightly gravelly sandy silty CLAY with occasional brownish yellow mottling. Gravel is white, grey and brown fine to coarse angular to subrounded chert (LC)
		6.00 - 6.10 6.00	D PID	 PID=0.00				
		6.50 - 6.95 6.50	D SPT	 N=13 (2,3/3,3,3,4)				
		7.50 - 7.60 7.50	D PID	 PID=0.00				
		8.00 - 8.45 8.00	D SPT	 N=21 (3,3/5,5,5,6)	8.00	-5.50		Firm light yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling and rare fine gravel (LC)
		9.00 - 9.10 9.00	D PID	 PID=0.00				
		9.50 - 9.95 9.50	D SPT	 N=20 (3,4/5,4,5,6)				

Remarks

RTD - River Terrace Deposits

LC - London Clay Formation

Borehole Log

Borehole No. **BH9**

Sheet 2 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type CP
Location: 32 New Lane, Havant, PO9 2NG		Level: 0.00 m AOD	Scale 1:51
Client:		Dates: 26/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
		10.50 - 10.60	D					Firm light yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling and rare fine gravel (LC)
		10.50	PID	PID=0.00				
		11.00 - 11.45	D					
		11.00	SPT	N=22 (3,5/5,5,5,7)				
		12.00 - 12.45	D		12.00	-8.00		
		12.00	SPT	N=23 (4,4/5,6,6,6)				
		12.00	PID	PID=0.00				
								End of Borehole at 12.450m

11 12 13 14 15 16 17 18 19 20

Remarks

RTD - River Terrace Deposits

LC - London Clay Formation

Borehole Log

Borehole No. **WS03**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 27/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
G		0.12 - 0.40	ES		0.12			Concrete
					0.52			Made ground: dark grey sandy GRAVEL with brick fragments.
		0.60 - 0.80	ES		0.90			Firm brown slightly sandy slightly gravelly CLAY. Gravel is angular to sub-angular fine to coarse chert. (RTD)
		1.60 - 1.80	D		1.80			Beige, brown and grey sandy GRAVEL. Gravel is angular to sub-angular fine to coarse flint with cobbles. (RTD)
								End of Borehole at 1.800m

1

2

Remarks

RTD - River Terrace Deposits

Borehole Log

Borehole No. **WS04**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 27/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
G								Concrete
					0.22			Made Ground: dark brown sandy clayey GRAVEL. Gravel is angular to sub-angular medium to coarse flint.
		0.42 - 0.60	ES		0.42			Possible Made Ground: brown gravelly CLAY with rare brick fragments.
		0.90	D		0.90			Medium dense brown very clayey GRAVEL. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
		1.50	D					
					1.80			End of Borehole at 1.800m

1

2

Remarks

RTD - River Terrace Deposits

AGS

Borehole Log

Borehole No. **WS05**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 27/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
G								Concrete
		0.25 - 0.50	ES		0.22 0.25			Made Ground: light yellow silty SAND.
								Made Ground: light reddish brown sandy GRAVEL with brick fragments.
					0.60			Firm brown gravelly CLAY with variable gravel content and some gravel lenses. Gravel is angular to sub-angular fine to coarse flint. (RTD)
		1.10 - 1.30	D					
					1.60			Medium dense light yellowish brown sandy clayey GRAVEL. Gravel is angular to sub-angular fine to coarse flint. (RTD)
		1.80	D		1.80			End of Borehole at 1.800m

1

2

Remarks

RTD - River Terrace Deposits

Borehole Log

Borehole No. **WS06**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 27/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
G								Concrete
					0.22			Made Ground: grey sandy GRAVEL with brick and concrete fragments.
					0.90			Brown very gravelly CLAY / clayey GRAVEL
								End of Borehole at 0.500m
					2.00			

Remarks

RTD - River Terrace Deposits

Borehole Log

Borehole No. **WS16**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 28/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
								Concrete
		0.20 - 0.40	ES		0.19			Made Ground: greyish brown sandy GRAVEL with brick and aggregate.
					1.10			Firm brown gravelly CLAY / clayey GRAVEL. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
								End of Borehole at 1.100m
					2.00			

Remarks

RTD - River Terrace Deposits

Pit excavated via vacuum excavation

Borehole Log

Borehole No. **WS17**

Sheet 1 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 28/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
								Concrete
					0.10			Made Ground: grey and black GRAVEL. (Type 1 MOT Subbase)
		0.30 - 0.60	ES		0.28			Made Ground: light greyish brown slightly clayey sandy GRAVEL with brick fragments.
					0.72			Firm brown gravelly CLAY / clayey GRAVEL. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
					2.00			

1

2

Remarks

RTD - River Terrace Deposits

Pit excavated via vacuum excavation

Borehole Log

Borehole No. **WS17**

Sheet 2 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 28/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
								Light brown, slightly clayey, slightly sandy GRAVEL
								End of Borehole at 1.100m
					3.00			

Remarks

RTD - River Terrace Deposits

Pit excavated via vacuum excavation

Borehole Log

Borehole No. **WS18**

Sheet 1 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 28/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
					0.10			Concrete
								Concrete with rebar reinforcement
		0.30 - 0.50	ES		0.30			Made Ground: dark brownish grey slightly sandy clayey GRAVEL.
					0.55			Firm brown slightly sandy very gravelly CLAY. Gravel is angular to sub-angular fine to coarse flint. (RTD)
					1.10			Medium dense brown and grey slightly clayey sandy GRAVEL. Gravel is angular to sub-angular fine to coarse flint and chert with cobbles. (RTD)

1

2

Remarks

RTD - River Terrace Deposits

Pit excavated via vacuum excavation

AGS

Borehole Log

Borehole No. **WS18**

Sheet 2 of 2

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 28/07/2021	Logged By JB

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
					2.20			Medium dense brown and grey slightly clayey sandy GRAVEL. Gravel is angular to sub-angular fine to coarse flint and chert with cobbles. (RTD)
								End of Borehole at 2.200m

3

4

Remarks

RTD - River Terrace Deposits

Pit excavated via vacuum excavation

Borehole Log

Borehole No. **WS19**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 07/09/2021	Logged By

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
G								Concrete
		0.40 - 0.80	ES		0.30			MADE GROUND: Brown-grey, cobbly, sandy GRAVEL
					0.90			Brown, gravelly CLAY (RTD)
					1.80			End of Borehole at 1.800m

1

2

Remarks

RTD - River Terrace Deposits

AGS

Borehole Log

Borehole No. **WS20**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 07/09/2021	Logged By

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
								Concrete
					0.20			MADE GROUND: Brown, clayey GRAVEL
					0.40			Brown gravelly CLAY (RTD)
		0.70 - 0.80	ES					
					0.80			Brown, slightly gravelly CLAY (RTD)
					1.80			End of Borehole at 1.800m

1

2

Remarks

RTD - River Terrace Deposits

AGS

Borehole Log

Borehole No. **WS21**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 07/09/2021	Logged By

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
G								Concrete
		0.40 - 0.60	ES		0.20			MADE GROUND: Brown-grey, sandy, gravelly CLAY
					0.70			Light brown, very gravelly, CLAY / clayey GRAVEL (RTD)
					1.80			End of Borehole at 1.800m

1

2

Remarks

RTD - River Terrace Deposits

AGS

Borehole Log

Borehole No. **WS22**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 07/09/2021	Logged By

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
								Concrete
		0.20 - 0.40	ES		0.20			MADE GROUND: Brown sandy GRAVEL
					0.40			End of Borehole at 1.800m

Remarks

RTD - River Terrace Deposits

Borehole Log

Borehole No. **WS23**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords:	Hole Type WLS
Location: 32 New Lane, Havant, PO9 2NG		Level:	Scale 1:10
Client:		Dates: 07/09/2021	Logged By

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	In Situ Results				
								Concrete
					0.20			
		0.30 - 0.70	ES					MADE GROUND: Brown, gravelly SAND with rare brick and gravel
					0.65			
								Brown, slightly gravelly CLAY (RTD)
					1.30			Brown very gravelly CLAY / clayey GRAVEL (RTD)
					1.80			End of Borehole at 1.800m

1

2

Remarks

RTD - River Terrace Deposits

AGS

Trial Pit Log

Trialpit No **TP03**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 29/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): Depth 1.70	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
							Concrete with rebar reinforcement
	0.30	ES	PID=0	0.28			Firm brown very gravelly CLAY / clayey GRAVEL. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
	1.10 - 1.40	B					
	1.70	D		1.70			End of pit at 1.70 m

1

2

3

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate

Trial Pit Log

Trialpit No **TP05** Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 28/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): Depth 2.10, 1.45 × 0.4	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.23			Concrete with rebar reinforcement
	0.40 - 0.60	ES	PID=0	0.40			Made Ground: grey sandy Gravel (subbase).
	0.90 - 1.10	D		0.90			Made Ground: brown slightly sandy very gravelly CLAY with brick and concrete fragments.
	1.50	ES	PID=0	1.65			Stiff dark yellowish brown silty CLAY with rare medium and coarse gravel (RTD)
	1.80 - 2.00	D		2.10			Dense medium brown very clayey GRAVEL. Gravel is angular to subangular fine to coarse flint and chert with cobbles. (RTD)
							End of pit at 2.10 m

1
2
3

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate

Trial Pit Log

Trialpit No **TP06**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 29/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): Depth 1.90 (1.65 × 0.4)	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.25			Concrete with rebar reinforcement
	0.30 - 0.40	ES		0.27			Made Ground: yellow SAND subbase Possible Made Ground: greyish brown gravelly CLAY with rare brick fragment.
	0.50 - 0.90	B	PID=0	0.50			Firm brown very gravelly CLAY with variable gravel content and some gravel lenses. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
	1.10 - 1.20	D	PID=0				
	1.70 - 1.80	D					
				1.90			End of pit at 1.90 m

1 2 3

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable

Trial Pit Log

Trialpit No **TP07**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 29/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): 1.7 × 0.4, Depth 2.15	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.23			Concrete with rebar reinforcement
	0.30 - 0.40	ES	PID=0				Made Ground: greyish brown sandy Gravel with brick, concrete and rubble.
	0.30 - 0.60	B	PID=0				
				0.60			Stiff dark yellowish brown slightly sandy slightly gravelly silty CLAY. Gravel is white and grey medium and coarse chert (RTD)
	1.10 - 1.20	D					
	1.70 - 1.80	D					
	2.15	D		2.15			End of pit at 2.15 m

1 2 3

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Stable

Trial Pit Log

Trialpit No **TP08**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 29/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): 1.7 × 0.4, Depth 1.80	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
							Concrete with rebar reinforcement
	0.30 - 0.50 0.30 - 0.60	ES B		0.28			Made Ground: greyish brown slightly clayey sandy GRAVEL with brick and concrete fragments / cobbles.
	0.50	D	PID=0				
				0.80			Firm brown mottled grey very gravelly CLAY with variable gravel content and some gravel lenses. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
	1.30 - 1.40	D	PID=0				
				1.80			End of pit at 1.80 m

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable

Trial Pit Log

Trialpit No **TP10**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 26/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): Depth 2.10 — 1.5 × 0.4	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			Concrete with rebar reinforcement over a plastic membrane.
	0.25 - 0.40	ES	PID=0	0.22			Made Ground: greyish yellow fine to medium SAND (subbase)
							Made Ground: dark brown gravelly SAND with rare brick and concrete fragments.
				0.42			Firm locally stiff orangish brown slightly sandy gravelly silty CLAY. Gravel is brown, black and white angular to rounded chert (RTD)
	0.50 - 0.80	B					
	0.60 - 0.80	ES					
	0.80	D	PID=0				
				1.20			Medium dense brown, black and white angular to subrounded chert GRAVEL in a firm brown sandy clay matrix (RTD)
	1.30	D					
	1.80 - 2.00	D					
				2.10			End of pit at 2.10 m

1

2

3

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate

Trial Pit Log

Trialpit No **TP21**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 26/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): Depth 1.80 — 1.5 × 0.4	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.03			Gravel surfacing
	0.10 - 0.20	ES					Made Ground: dark brown sand silty gravelly CLAY with brick fragments.
				0.20			Firm dark brown slightly sandy gravelly CLAY. Gravel is medium to coarse flint. (RTD)
			PID=0				
				0.70			Medium dense White, black and brown fine to coarse angular to rounded chert GRAVEL in a firm brown sandy silty clay matrix (RTD)
	0.80 - 1.20	B					
			PID=0				
	1.50	D					
	1.80	D		1.80			End of pit at 1.80 m

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderately Poor

Trial Pit Log

Trialpit No **TP23**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 26/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): 1.7 × 0.4, Depth 2.10	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.05			Gravel surfacing over a layer of concrete
				0.10			Made Ground: Grey angular to sub-angular Gravel (Type 1)
	0.30 - 0.60 0.30 - 0.80	ES B	PID=0				Made Ground: dark brown slightly clayey sandy GRAVEL with brick, metal and plastic.
				0.80			Made Ground: brown sandy clayey GRVAEL with brick, metal and wood.
	1.00 - 1.20	D	PID=0				
				2.10			End of pit at 2.10 m

1

2

3

Remarks: Groundwater was not encountered during excavation

Stability: Poor

Trial Pit Log

Trialpit No **TP24**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 28/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): Depth 1.60 — 1.4 × 0.4	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
							Concrete with rebar reinforcement
	0.25 - 0.40 0.30 - 0.60	ES B	PID=0	0.25			Firm locally stiff brown slightly gravelly slightly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert (RTD)
	1.00 - 1.10	D					
	1.60	D		1.60			End of pit at 1.60 m

1

2

3

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable

Trial Pit Log

Trialpit No **TP25** Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 29/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): Depth 1.70 (1.7 × 0.4)	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			Concrete with rebar reinforcement
	0.30 - 0.50 0.30 - 0.50 0.30 - 0.80	D ES B	PID=0				Made Ground: greyish brown slightly clayey sandy Gravel with brick, concrete and rubble.
				0.90			Firm brown very gravelly CLAY with variable gravel content and some gravel lenses. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
	1.60	D	PID=0				
				1.70			End of pit at 1.70 m

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable

Trial Pit Log

Trialpit No **TP26**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 28/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): 1.75 × 0.4, Depth 1.95	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.20			Concrete with rebar reinforcement
	0.30 - 0.50	ES	PID=0				Made Ground: grey sandy Gravel with brick, concrete and rubble.
	0.50	D		0.70			Firm brown gravelly CLAY. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
	1.20 - 1.40	D		1.00			Dense medium brown very clayey GRAVEL. Gravel is angular to subangular fine to coarse flint and chert with cobbles. (RTD)
	1.70 - 1.80	D		1.95			End of pit at 1.95 m

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable

Trial Pit Log

Trialpit No **TP28**

Sheet 1 of 1

Project Name: Pfizer Havant	Project No. UK20.5052f	Co-ords: - Level:	Date 29/07/2021
Location: 32 New Lane, Havant, PO9 2NG		Dimensions (m): 1.4 × 0.4, Depth 1.60	Scale 1:15
Client:			Logged JB

Water Strike	Samples and In Situ Testing: Depth	Type	Results	Depth (m)	Level (m)	Legend	Stratum Description
				0.02			Tiled floor surfacing Concrete
	0.30 - 0.40	ES		0.23			Made Ground: greyish brown slightly clayey sandy GRAVEL with brick and concrete fragments / cobbles.
	0.40	D	PID=0				
	0.70 - 1.00	B		0.70			Firm brown mottled grey very gravelly CLAY with variable gravel content and some gravel lenses. Gravel is angular to sub-angular fine to coarse flint and chert. (RTD)
	1.00 - 1.10	D					
	1.50	D					
				1.60			End of pit at 1.60 m

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable

APPENDIX F

Laboratory Results - Environmental

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	James Bowley
Date :	19th August, 2021
Your reference :	UK20.5052F
Our reference :	Test Report 21/11799 Batch 1
Location :	
Date samples received :	3rd August, 2021
Status :	Final report
Issue :	1

Nineteen samples were received for analysis on 3rd August, 2021 of which nineteen were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Hayley Prowse
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	1-3	4-6	10-12	13-16	17-20	21-24	25-27	28-30	35-37	42-45	LOD/LOR	Units	Method No.
Sample ID	TP03	TP05	TP06	TP07	TP08	TP10	TP10	TP21	TP24	TP26			
Depth	0.30	0.40-0.60	0.30-0.40	0.30-0.40	0.30-0.50	0.25-0.40	0.60-0.80	0.10-0.20	0.25-0.40	0.30-0.50			
COC No / misc													
Containers	V T	V J	V J	V J	V T	V J	V J	V J	V J	V J			
Sample Date	29/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	26/07/2021	26/07/2021	26/07/2021	28/07/2021	28/07/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021			
Arsenic #M	11.4	9.3	7.3	13.6	14.8	8.1	12.8	8.1	12.5	3.7	<0.5	mg/kg	TM30/PM15
Cadmium #M	<0.1	0.4	0.4	0.2	8.1	0.3	0.8	<0.1	0.1	0.6	<0.1	mg/kg	TM30/PM15
Chromium #M	48.9	54.7	38.6	50.5	28.0	53.7	73.2	55.8	46.1	12.1	<0.5	mg/kg	TM30/PM15
Copper #M	8	11	8	13	10	7	18	8	17	2	<1	mg/kg	TM30/PM15
Lead #M	6	41	39	53	70	17	19	7	16	11	<5	mg/kg	TM30/PM15
Mercury #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM30/PM15
Nickel #M	8.4	13.3	12.3	12.8	10.8	9.2	41.4	11.9	29.0	2.4	<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #M	4181	4306	290	1702	3978	1986	270	2924	291	581	<50	mg/kg	TM50/PM29
Zinc #M	23	62	91	87	2237	57	72	41	64	57	<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	<0.03	<0.03	<0.03	0.05	<0.03	<0.03	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Phenanthrene #M	0.05	<0.03	<0.03	0.07	0.15	0.06	<0.03	0.08	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Anthracene #	0.04	<0.04	<0.04	<0.04	0.05	0.05	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Fluoranthene #M	0.16	<0.03	<0.03	0.19	0.44	0.28	<0.03	0.37	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Pyrene #	0.17	<0.03	<0.03	0.19	0.49	0.69	<0.03	0.39	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	0.10	<0.06	<0.06	0.16	0.27	0.34	<0.06	0.25	<0.06	<0.06	<0.06	mg/kg	TM4/PM8
Chrysene #M	0.14	<0.02	<0.02	0.15	0.27	0.32	<0.02	0.32	<0.02	<0.02	<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	0.29	<0.07	<0.07	0.33	0.51	0.61	<0.07	0.66	<0.07	<0.07	<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	0.12	<0.04	<0.04	0.16	0.25	0.32	<0.04	0.33	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	0.07	<0.04	<0.04	0.13	0.18	0.20	<0.04	0.23	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.05	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	0.07	<0.04	<0.04	0.15	0.19	0.23	<0.04	0.25	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
PAH 16 Total	1.2	<0.6	<0.6	1.5	2.8	3.2	<0.6	2.9	<0.6	<0.6	<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.21	<0.05	<0.05	0.24	0.37	0.44	<0.05	0.48	<0.05	<0.05	<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.08	<0.02	<0.02	0.09	0.14	0.17	<0.02	0.18	<0.02	<0.02	<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	91	99	98	100	89	101	100	88	97	103	<0	%	TM4/PM8
VOC TICs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		None	TM15/PM10
SVOC TICs	See Attached	ND	ND	ND	See Attached	See Attached	ND	See Attached	ND	ND		None	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	1-3	4-6	10-12	13-16	17-20	21-24	25-27	28-30	35-37	42-45	LOD/LOR	Units	Method No.
Sample ID	TP03	TP05	TP06	TP07	TP08	TP10	TP10	TP21	TP24	TP26			
Depth	0.30	0.40-0.60	0.30-0.40	0.30-0.40	0.30-0.50	0.25-0.40	0.60-0.80	0.10-0.20	0.25-0.40	0.30-0.50			
COC No / misc													
Containers	V T	V J	V J	V J	V T	V J	V J	V J	V J	V J			
Sample Date	29/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	26/07/2021	26/07/2021	26/07/2021	28/07/2021	28/07/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021			
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	<4	<4	<4	<4	<4	<4	<4	62	<4	<4	<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	<7	<7	<7	<7	<7	<7	<7	426	<7	<7	<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	27	23	<7	<7	<7	26	<7	206	<7	<7	<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	27	23	<19	<19	<19	26	<19	694	<19	<19	<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	<4	<4	<4	<4	<4	<4	<4	28	<4	<4	<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	<7	<7	<7	<7	<7	<7	<7	246	<7	<7	<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	<7	17	<7	<7	<7	64	<7	195	<7	<7	<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	<19	<19	<19	<19	<19	64	<19	469	<19	<19	<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	<38	<38	<38	<38	<38	90	<38	1163	<38	<38	<38	mg/kg	TM5/TM36/PM8/PM12/PM16
MTBE #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Benzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Toluene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Ethylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
m/p-Xylene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
o-Xylene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	6.9	16.5	15.3	12.4	6.1	13.7	19.4	14.6	16.7	2.8	<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	0.0021	0.4770	0.0465	0.1673	0.1780	0.1510	0.0273	0.3409	0.0409	0.0609	<0.0015	g/l	TM38/PM20
Chromium III	48.9	54.7	38.6	50.5	28.0	53.7	73.2	55.8	46.1	12.1	<0.5	mg/kg	NONE/NONE
Total Cyanide #M	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	mg/kg	TM89/PM45
Organic Matter	0.4	0.5	0.3	1.2	0.3	0.4	0.5	0.7	0.5	<0.2	<0.2	%	TM21/PM24
pH #M	12.55	10.73	8.81	9.76	10.58	11.91	8.05	11.41	7.94	11.80	<0.01	pH units	TM73/PM11
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay		None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown		None	PM13/PM0

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	1-3	4-6	10-12	13-16	17-20	21-24	25-27	28-30	35-37	42-45			
Sample ID	TP03	TP05	TP06	TP07	TP08	TP10	TP10	TP21	TP24	TP26			
Depth	0.30	0.40-0.60	0.30-0.40	0.30-0.40	0.30-0.50	0.25-0.40	0.60-0.80	0.10-0.20	0.25-0.40	0.30-0.50	Please see attached notes for all abbreviations and acronyms		
COC No / misc													
Containers	V T	V J	V J	V J	V T	V J	V J	V J	V J	V J			
Sample Date	29/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	26/07/2021	26/07/2021	26/07/2021	28/07/2021	28/07/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021			
Other Items	stones	stones	stones	stones	stones	stones	stones	stones, sand	stones	stones		None	PM13/PM0

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72		LOD/LOR	Units	Method No.
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50				
COC No / misc													
Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021				
Arsenic #M	6.5	7.3	13.6	12.6	3.4	4.7	2.7	3.6	11.6		<0.5	mg/kg	TM30/PM15
Cadmium #M	1.1	0.1	0.1	0.1	0.4	0.3	0.4	0.4	0.4		<0.1	mg/kg	TM30/PM15
Chromium #M	50.3	38.1	54.1	50.5	8.1	13.4	9.9	15.8	48.5		<0.5	mg/kg	TM30/PM15
Copper #M	5	13	19	17	4	7	9	4	24		<1	mg/kg	TM30/PM15
Lead #M	69	1195	22	16	21	18	28	15	19		<5	mg/kg	TM30/PM15
Mercury #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM30/PM15
Nickel #M	5.5	9.8	33.4	28.5	3.8	5.9	7.6	3.8	22.3		<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #M	853	12690$_{AA}$	573	294	331	1170	324	485	983		<50	mg/kg	TM50/PM29
Zinc #M	84	179	71	66	53	65	75	56	80		<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.07		<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	0.04	<0.03	<0.03	<0.03	<0.03	0.04	<0.03	0.12		<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05		<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04		<0.04	mg/kg	TM4/PM8
Phenanthrene #M	<0.03	0.08	<0.03	<0.03	<0.03	0.12	0.10	<0.03	0.26		<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	0.11	<0.04	<0.04	<0.04	<0.04	0.07	<0.04	0.22		<0.04	mg/kg	TM4/PM8
Fluoranthene #M	<0.03	0.12	<0.03	<0.03	<0.03	0.17	0.29	0.03	0.72		<0.03	mg/kg	TM4/PM8
Pyrene #	<0.03	0.14	<0.03	<0.03	<0.03	0.14	0.27	<0.03	0.65		<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	0.12	<0.06	<0.06	<0.06	0.07	0.19	<0.06	0.44		<0.06	mg/kg	TM4/PM8
Chrysene #M	<0.02	0.14	<0.02	<0.02	<0.02	0.06	0.19	0.02	0.61		<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	<0.07	0.29	<0.07	<0.07	<0.07	0.12	0.38	<0.07	1.37		<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	<0.04	0.13	<0.04	<0.04	<0.04	0.06	0.17	<0.04	0.57		<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	<0.04	0.11	<0.04	<0.04	<0.04	<0.04	0.13	<0.04	0.50		<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	0.10		<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04	0.16	<0.04	<0.04	<0.04	0.04	0.13	<0.04	0.50		<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	1.4	<0.6	<0.6	<0.6	0.8	2.0	<0.6	6.1		<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	0.21	<0.05	<0.05	<0.05	0.09	0.27	<0.05	0.99		<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	0.08	<0.02	<0.02	<0.02	0.03	0.11	<0.02	0.38		<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	98	98	87	80	101	83	105	93	95		<0	%	TM4/PM8
VOC TICs	ND	ND	ND	ND	ND	ND	ND	ND	ND			None	TM15/PM10
SVOC TICs	ND	See Attached	ND	ND	ND	ND	ND	ND	See Attached			None	TM16/PM8

Please see attached notes for all abbreviations and acronyms

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All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72		LOD/LOR	Units	Method No.
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50				
COC No / misc													
Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021				
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	<7	<7	<7	<7	<7	<7	<7	<7	11		<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	<7	<7	<7	<7	<7	<7	<7	<7	87		<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	<19	<19	<19	<19	<19	<19	<19	98		<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	<7	<7	<7	<7	<7	<7	<7	35	13		<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	<7	<7	<7	<7	<7	<7	<7	97	93		<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	<19	<19	<19	<19	<19	<19	<19	132	106		<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	<38	<38	<38	<38	<38	<38	<38	132	204		<38	mg/kg	TM5/TM36/PM8/PM12/PM16
MTBE #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Benzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Toluene #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Ethylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
m/p-Xylene #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
o-Xylene #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15		<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	5.1	8.5	18.7	14.6	3.6	2.7	6.3	7.4	11.0		<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6		<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	0.1569	1.5812	0.1624	0.0288	0.0144	0.2460	0.0083	0.0285	0.1374		<0.0015	g/l	TM38/PM20
Chromium III	50.3	38.1	54.1	50.5	8.1	13.4	9.9	15.8	48.5		<0.5	mg/kg	NONE/NONE
Total Cyanide #M	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	mg/kg	TM89/PM45
Organic Matter	<0.2	1.0	0.5	0.5	<0.2	0.4	0.3	<0.2	1.8		<0.2	%	TM21/PM24
pH #M	11.12	8.10	7.74	7.32	10.02	10.30	9.26	9.56	9.01		<0.01	pH units	TM73/PM11
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand			None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown			None	PM13/PM0

Please see attached notes for all abbreviations and acronyms

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72				
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50		Please see attached notes for all abbreviations and acronyms		
COC No / misc													
Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1		LOD/LOR	Units	Method No.
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021				
Other Items	stones	stones, brick, chalk	stones	stones	stones, vegetation	stones	stones	stones	stones			None	PM13/PM0

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

SVOC Report : **Solid**

EMT Sample No.	1-3	4-6	10-12	13-16	17-20	21-24	25-27	28-30	35-37	42-45	LOD/LOR	Units	Method No.
Sample ID	TP03	TP05	TP06	TP07	TP08	TP10	TP10	TP21	TP24	TP26			
Depth	0.30	0.40-0.60	0.30-0.40	0.30-0.40	0.30-0.50	0.25-0.40	0.60-0.80	0.10-0.20	0.25-0.40	0.30-0.50			
COC No / misc													
Containers	V T	V J	V J	V J	V T	V J	V J	V J	V J	V J			
Sample Date	29/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	26/07/2021	26/07/2021	26/07/2021	28/07/2021	28/07/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021			
SVOC MS													
Phenols													
2-Chlorophenol #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Phenol #M	<10	<10	<10	<10	<10	<10	<10	159	<10	<10	<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Methylnaphthalene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100	<100	122	<100	<100	131	<100	<100	<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Dimethyl phthalate #M	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Carbazole	12	<10	<10	<10	16	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Dibenzofuran #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorobutadiene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Isophorone #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Nitrobenzene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	106	110	107	99	122	102	113	114	110	118	<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	118	107	98	91	119	109	108	120	107	113	<0	%	TM16/PM8

Please see attached notes for all abbreviations and acronyms

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All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

SVOC Report : **Solid**

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72				
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50		Please see attached notes for all abbreviations and acronyms		
COC No / misc													
Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021		LOD/LOR	Units	Method No.
SVOC MS													
Phenols													
2-Chlorophenol #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Phenol #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Methylnaphthalene #M	<10	43	<10	<10	<10	<10	16	<10	64		<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100	<100	<100	<100	<100	<100	403		<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Dimethyl phthalate #M	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Carbazole	<10	30	<10	<10	<10	<10	16	<10	72		<10	ug/kg	TM16/PM8
Dibenzofuran #M	<10	16	<10	<10	<10	<10	<10	<10	61		<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Hexachlorobutadiene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Isophorone #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Nitrobenzene #M	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	113	106	96	111	118	98	110	109	114		<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	111	107	93	101	110	97	111	101	116		<0	%	TM16/PM8

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

VOC Report : **Solid**

EMT Sample No.	1-3	4-6	10-12	13-16	17-20	21-24	25-27	28-30	35-37	42-45	LOD/LOR	Units	Method No.
Sample ID	TP03	TP05	TP06	TP07	TP08	TP10	TP10	TP21	TP24	TP26			
Depth	0.30	0.40-0.60	0.30-0.40	0.30-0.40	0.30-0.50	0.25-0.40	0.60-0.80	0.10-0.20	0.25-0.40	0.30-0.50			
COC No / misc													
Containers	V T	V J	V J	V J	V T	V J	V J	V J	V J	V J			
Sample Date	29/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	26/07/2021	26/07/2021	26/07/2021	28/07/2021	28/07/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021			
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	103	79	95	97	102	91	99	94	106	97	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	98	76	96	88	97	92	95	89	100	96	<0	%	TM15/PM10

Please see attached notes for all abbreviations and acronyms

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Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

VOC Report : **Solid**

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72				
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50				
COC No / misc													
Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021				
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7	<7	<7	<7	<7		<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	13	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	<3	6	<3	<3	<3		<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	4	<3	<3	<3	<3	<3	<3	3		<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5	5	<5	<5	<5		<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	16	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	52	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7		<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27	<27	<27	<27	<27	<27	<27		<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7		<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	101	91	110	99	111	112	102	103	95		<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	102	86	106	98	111	103	88	99	89		<0	%	TM15/PM10

Please see attached notes for all abbreviations and acronyms

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All solid results are expressed on a dry weight basis unless stated otherwise.

Job number: 21/11799
Sample number: 2
Sample identity: TP03
Sample depth: 0.30
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
112-95-8	Eicosane	9.422	91	260
541-05-9	Cyclotrisiloxane, hexamethyl-	9.659	83	<100
629-92-5	Nonadecane	10.398	84	229
1599-67-3	1-Docosene	13.325	90	1155

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Job number: 21/11799
Sample number: 19
Sample identity: TP08
Sample depth: 0.30-0.50
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
112-95-8	Eicosane	9.866	93	<100
629-59-4	Tetradecane	10.340	81	<100
1599-67-3	1-Docosene	12.008	95	126
2381-21-7	Pyrene, 1-methyl-	12.211	81	<100
646-13-9	Octadecanoic acid, 2-methylpropyl ester	12.793	80	206

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Job number: 21/11799
Sample number: 23
Sample identity: TP10
Sample depth: 0.25-0.40
Sample Type: Clayey Sand
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
112-95-8	Eicosane	10.790	83	244
544-76-3	Hexadecane	11.212	87	312
3674-66-6	Phenanthrene, 2,5-dimethyl-	11.355	86	200
84-61-7	Dicyclohexyl phthalate	13.330	91	7670

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Job number: 21/11799
Sample number: 29
Sample identity: TP21
Sample depth: 0.10-0.20
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthalene	8.483	84	352
112-40-3	Dodecane	8.832	95	2671
2131-42-2	Naphthalene, 1,4,6-trimethyl-	8.958	97	485
2245-38-7	Naphthalene, 1,6,7-trimethyl-	9.047	98	551
31295-56-4	Dodecane, 2,6,11-trimethyl-	9.141	83	888
2489-86-3	Naphthalene, 1-(2-propenyl)-	9.288	86	309
3892-00-0	Pentadecane, 2,6,10-trimethyl-	9.627	94	2095
295-17-0	Cyclotetradecane	9.664	81	864
33930-85-7	Benzene, (4,5,5-trimethyl-1,3-cyclopentadien-1-yl)-	9.709	84	526
629-59-4	Tetradecane	9.731	86	999
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	9.916	91	6851
2136-70-1	Ethanol, 2-(tetradecyloxy)-	10.093	83	1222
7225-64-1	Heptadecane, 9-octyl-	10.401	91	6316
22768-22-5	2,4-Diphenyl-4-methyl-2(E)-pentene	10.445	96	2027
288246-53-7	Pyridine-3-carboxamide, oxime, N-(2-trifluoromethylphenyl)-	10.604	90	493
544-76-3	Hexadecane	10.781	95	4813
610-48-0	Anthracene, 1-methyl-	10.857	90	463
1000351-89-0	Hexatriacontyl pentafluoropropionate	10.874	84	647
89816-75-1	2,6-Dimethyldibenzothiophene	11.018	95	602
1207-15-4	2,8-Dimethyldibenzo(b,d)thiophene	11.111	95	1129
112-95-8	Eicosane	11.212	97	4422
18435-45-5	1-Nonadecene	11.279	83	1211
2789-88-0	di-p-Tolylacetylene	11.355	86	994
638-67-5	Tricosane	11.871	90	714
629-78-7	Heptadecane	12.039	95	1587
593-45-3	Octadecane	12.470	96	1051

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Job number: 21/11799
Sample number: 51
Sample identity: WS03
Sample depth: 0.12-0.40
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
112-95-8	Eicosane	9.862	91	187
832-69-9	Phenanthrene, 1-methyl-	10.748	83	<100
629-92-5	Nonadecane	10.790	93	224
613-12-7	Anthracene, 2-methyl-	10.815	97	111
101-68-8	Benzene, 1,1'-methylenebis[4-isocyanato-	11.525	99	1073
544-76-3	Hexadecane	11.626	90	190

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Job number: 21/11799
Sample number: 71
Sample identity: WS18
Sample depth: 0.30-0.50
Sample Type: Clayey Sand
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.917	83	130
629-59-4	Tetradecane	10.335	84	<100
3891-98-3	Dodecane, 2,6,10-trimethyl-	10.401	83	<100
613-12-7	Anthracene, 2-methyl-	10.773	90	170
610-48-0	Anthracene, 1-methyl-	10.815	93	<100
832-69-9	Phenanthrene, 1-methyl-	10.874	90	<100
112-95-8	Eicosane	11.212	80	161
2381-21-7	Pyrene, 1-methyl-	12.090	93	279
3442-78-2	Pyrene, 2-methyl-	12.327	87	<100
239-35-0	Benzo[b]naphtho[2,1-d]thiophene	12.841	95	155
301-02-0	9-Octadecenamide, (Z)-	14.471	90	1636

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd

Reference: UK20.5052F

Location:

Contact: James Bowley

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	EPH Interpretation
21/11799	1	TP03	0.30	1-3	No interpretation possible
21/11799	1	TP05	0.40-0.60	4-6	No interpretation possible
21/11799	1	TP06	0.30-0.40	10-12	No interpretation possible
21/11799	1	TP07	0.30-0.40	13-16	No interpretation possible
21/11799	1	TP08	0.30-0.50	17-20	No interpretation possible
21/11799	1	TP10	0.25-0.40	21-24	Possible PAH's, Trace of Lubricating oil and Naturally Occurring Compounds
21/11799	1	TP10	0.60-0.80	25-27	No interpretation possible
21/11799	1	TP21	0.10-0.20	28-30	degraded diesel and trace of lube oil
21/11799	1	TP24	0.25-0.40	35-37	No interpretation possible
21/11799	1	TP26	0.30-0.50	42-45	No interpretation possible
21/11799	1	TP28	0.30-0.50	46-49	No interpretation possible
21/11799	1	WS03	0.12-0.40	50-52	No interpretation possible
21/11799	1	WS03	0.60-0.80	53-54	No interpretation possible
21/11799	1	WS04	0.42-0.60	55-58	No interpretation possible
21/11799	1	WS05	0.25-0.50	59-61	No interpretation possible
21/11799	1	WS06	0.30-0.50	62-63	No interpretation possible
21/11799	1	WS16	0.20-0.40	64-66	No interpretation possible
21/11799	1	WS17	0.30-0.60	67-69	PAHs + possible naturally occurring compounds
21/11799	1	WS18	0.30-0.50	70-72	Possible lube oil and PAHs

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

Note:

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

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

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

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/11799	1	TP03	0.30	3	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP05	0.40-0.60	6	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP06	0.30-0.40	12	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP07	0.30-0.40	16	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP08	0.30-0.50	20	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP10	0.25-0.40	24	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP10	0.60-0.80	27	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/11799	1	TP10	0.60-0.80	27	17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP21	0.10-0.20	30	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP24	0.25-0.40	37	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP26	0.30-0.50	45	17/08/2021	**General Description (Bulk Analysis)**	soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP28	0.30-0.50	49	17/08/2021	**General Description (Bulk Analysis)**	soil/stones
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS03	0.12-0.40	52	17/08/2021	**General Description (Bulk Analysis)**	soil/stones
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS03	0.60-0.80	53	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS04	0.42-0.60	58	17/08/2021	**General Description (Bulk Analysis)**	soil/stones
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS05	0.25-0.50	61	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS06	0.30-0.50	63	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/11799	1	WS06	0.30-0.50	63	17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS16	0.20-0.40	66	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS17	0.30-0.60	69	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	WS18	0.30-0.50	72	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD

Client Name: EPS Ltd

Reference: UK20.5052F

Location:

Contact: James Bowley

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
21/11799	1	TP03	0.30	1-3	EPH	Sample holding time exceeded
21/11799	1	TP05	0.40-0.60	4-6	EPH, VOC	Sample holding time exceeded
21/11799	1	TP06	0.30-0.40	10-12	EPH	Sample holding time exceeded
21/11799	1	TP07	0.30-0.40	13-16	EPH	Sample holding time exceeded
21/11799	1	TP08	0.30-0.50	17-20	EPH	Sample holding time exceeded
21/11799	1	TP10	0.25-0.40	21-24	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	TP10	0.60-0.80	25-27	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	TP21	0.10-0.20	28-30	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	TP24	0.25-0.40	35-37	EPH, VOC	Sample holding time exceeded
21/11799	1	TP26	0.30-0.50	42-45	EPH, VOC	Sample holding time exceeded
21/11799	1	TP28	0.30-0.50	46-49	EPH	Sample holding time exceeded
21/11799	1	WS03	0.12-0.40	50-52	Cyanide, EPH, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS03	0.60-0.80	53-54	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS04	0.42-0.60	55-58	Cyanide, EPH, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS05	0.25-0.50	59-61	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS06	0.30-0.50	62-63	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS16	0.20-0.40	64-66	EPH, VOC	Sample holding time exceeded
21/11799	1	WS17	0.30-0.60	67-69	EPH, VOC	Sample holding time exceeded
21/11799	1	WS18	0.30-0.50	70-72	EPH, VOC	Sample holding time exceeded

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

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

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	James Bowley
Date :	23rd August, 2021
Your reference :	UK20.5052F
Our reference :	Test Report 21/12313 Batch 1
Location :	Pfizer Havant
Date samples received :	12th August, 2021
Status :	Final Report
Issue :	1

Seven samples were received for analysis on 12th August, 2021 of which seven were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Hayley Prowse
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology Environmental UK Limited
Registered in England and Wales
Registered Office: 10 Lower Grosvenor Place, London, SW1W 0EN
Company Registration No: 11371415

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley
EMT Job No: 21/12313

Report : Solid

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

EMT Sample No.	1-2	3-6	7	8	9	10	11				LOD/LOR	Units	Method No.
Sample ID	BH7	BH9	BH7	BH7	BH9	BH9	BH9						
Depth	0.30-0.40	0.40-0.50	9.00	11.0	3.00	6.50	8.00						
COC No / misc													
Containers	V J	V J	T	T	T	J	T						
Sample Date	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021						
Sample Type	Clay	Silt	Clay	Clay	Clay	Clay	Clay						
Batch Number	1	1	1	1	1	1	1						
Date of Receipt	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021						
Arsenic #M	3.1	3.9	-	-	-	-	-				<0.5	mg/kg	TM30/PM15
Cadmium #M	0.2	<0.1	-	-	-	-	-				<0.1	mg/kg	TM30/PM15
Chromium #M	125.9	51.0	-	-	-	-	-				<0.5	mg/kg	TM30/PM15
Copper #M	3	4	-	-	-	-	-				<1	mg/kg	TM30/PM15
Lead #M	9	<5	-	-	-	-	-				<5	mg/kg	TM30/PM15
Mercury #M	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM30/PM15
Nickel #M	7.9	6.0	-	-	-	-	-				<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	-	-	-	-	-				<1	mg/kg	TM30/PM15
Sulphur as S	-	-	<0.01	0.06	<0.01	0.01	0.02				<0.01	%	TM30/PM15
Total Sulphate as SO4 #M	142	370	191	283	<50	226	204				<50	mg/kg	TM50/PM29
Zinc #M	14	17	-	-	-	-	-				<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	<0.05	-	-	-	-	-				<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Phenanthrene #M	<0.03	0.06	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Fluoranthene #M	0.05	0.17	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Pyrene #	0.05	0.13	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	0.12	-	-	-	-	-				<0.06	mg/kg	TM4/PM8
Chrysene #M	0.03	0.09	-	-	-	-	-				<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	<0.07	0.18	-	-	-	-	-				<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	<0.04	0.08	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	<0.04	0.07	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04	0.06	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	1.0	-	-	-	-	-				<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	0.13	-	-	-	-	-				<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	0.05	-	-	-	-	-				<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	96	95	-	-	-	-	-				<0	%	TM4/PM8
VOC TICs	ND	ND	-	-	-	-	-					None	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	-	-	-	-	-				<2	ug/kg	TM15/PM10
Benzene #	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
Toluene #	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	-	-	-	-	-				<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	109	130	-	-	-	-	-				<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	96	111	-	-	-	-	-				<0	%	TM15/PM10
SVOC TICs	ND	ND	-	-	-	-	-					None	TM16/PM8

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley
EMT Job No: 21/12313

Report : Solid

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

Please see attached notes for all abbreviations and acronyms

EMT Sample No.	1-2	3-6	7	8	9	10	11				LOD/LOR	Units	Method No.
Sample ID	BH7	BH9	BH7	BH7	BH9	BH9	BH9						
Depth	0.30-0.40	0.40-0.50	9.00	11.0	3.00	6.50	8.00						
COC No / misc													
Containers	V J	V J	T	T	T	J	T						
Sample Date	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021						
Sample Type	Clay	Silt	Clay	Clay	Clay	Clay	Clay						
Batch Number	1	1	1	1	1	1	1						
Date of Receipt	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021						
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	<0.2	<0.2	-	-	-	-	-				<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	<4	<4	-	-	-	-	-				<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	<19	-	-	-	-	-				<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	<0.2	-	-	-	-	-				<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	<4	<4	-	-	-	-	-				<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	<19	<19	-	-	-	-	-				<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	<38	<38	-	-	-	-	-				<38	mg/kg	TM5/TM36/PM8/PM12/PM16
Total Phenols HPLC	<0.15	<0.15	-	-	-	-	-				<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	15.4	3.8	-	-	-	-	-				<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	-	-	-	-	-				<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	-	-	-	-	-				<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	0.0515	0.0617	0.0187	0.0505	<0.0015	0.0242	0.0270				<0.0015	g/l	TM38/PM20
Chromium III	125.9	51.0	-	-	-	-	-				<0.5	mg/kg	NONE/NONE
Total Cyanide #M	<0.5	<0.5	-	-	-	-	-				<0.5	mg/kg	TM89/PM45
Organic Matter	<0.2	<0.2	-	-	-	-	-				<0.2	%	TM21/PM24
pH #M	7.75	9.12	8.45	8.31	9.06	8.70	8.45				<0.01	pH units	TM73/PM11
Sample Type	Clay	Silt	Clay	Clay	Clay	Clay	Clay					None	PM13/PM0
Sample Colour	Light Brown	Light Brown	Light Brown	Light Brown	Light Brown	Medium Brown	Light Brown					None	PM13/PM0
Other Items	stones and brick fragment	stones	sand and water	sand and water	stones and sand	stones and sand	stones and sand					None	PM13/PM0

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley
EMT Job No: 21/12313

SVOC Report : **Solid**

EMT Sample No.	1-2	3-6										
Sample ID	BH7	BH9										
Depth	0.30-0.40	0.40-0.50										
COC No / misc												
Containers	V J	V J										
Sample Date	28/07/2021	28/07/2021										
Sample Type	Clay	Silt										
Batch Number	1	1										
Date of Receipt	12/08/2021	12/08/2021										
SVOC MS												
Phenols												
2-Chlorophenol #M	<10	<10									<10	ug/kg
2-Methylphenol	<10	<10									<10	ug/kg
2-Nitrophenol	<10	<10									<10	ug/kg
2,4-Dichlorophenol #M	<10	<10									<10	ug/kg
2,4-Dimethylphenol	<10	<10									<10	ug/kg
2,4,5-Trichlorophenol	<10	<10									<10	ug/kg
2,4,6-Trichlorophenol	<10	<10									<10	ug/kg
4-Chloro-3-methylphenol	<10	<10									<10	ug/kg
4-Methylphenol	<10	<10									<10	ug/kg
4-Nitrophenol	<10	<10									<10	ug/kg
Pentachlorophenol	<10	<10									<10	ug/kg
Phenol #M	<10	<10									<10	ug/kg
PAHs												
2-Chloronaphthalene #M	<10	<10									<10	ug/kg
2-Methylnaphthalene #M	<10	<10									<10	ug/kg
Phthalates												
Bis(2-ethylhexyl) phthalate	<100	<100									<100	ug/kg
Butylbenzyl phthalate	<100	<100									<100	ug/kg
Di-n-butyl phthalate	<100	<100									<100	ug/kg
Di-n-Octyl phthalate	<100	<100									<100	ug/kg
Diethyl phthalate	<100	<100									<100	ug/kg
Dimethyl phthalate #M	<100	<100									<100	ug/kg
Other SVOCs												
1,2-Dichlorobenzene	<10	<10									<10	ug/kg
1,2,4-Trichlorobenzene #M	<10	<10									<10	ug/kg
1,3-Dichlorobenzene	<10	<10									<10	ug/kg
1,4-Dichlorobenzene	<10	<10									<10	ug/kg
2-Nitroaniline	<10	<10									<10	ug/kg
2,4-Dinitrotoluene	<10	<10									<10	ug/kg
2,6-Dinitrotoluene	<10	<10									<10	ug/kg
3-Nitroaniline	<10	<10									<10	ug/kg
4-Bromophenylphenylether #M	<10	<10									<10	ug/kg
4-Chloroaniline	<10	<10									<10	ug/kg
4-Chlorophenylphenylether	<10	<10									<10	ug/kg
4-Nitroaniline	<10	<10									<10	ug/kg
Azobenzene	<10	<10									<10	ug/kg
Bis(2-chloroethoxy)methane	<10	<10									<10	ug/kg
Bis(2-chloroethyl)ether	<10	<10									<10	ug/kg
Carbazole	<10	<10									<10	ug/kg
Dibenzofuran #M	<10	<10									<10	ug/kg
Hexachlorobenzene	<10	<10									<10	ug/kg
Hexachlorobutadiene #M	<10	<10									<10	ug/kg
Hexachlorocyclopentadiene	<10	<10									<10	ug/kg
Hexachloroethane	<10	<10									<10	ug/kg
Isophorone #M	<10	<10									<10	ug/kg
N-nitrosodi-n-propylamine #M	<10	<10									<10	ug/kg
Nitrobenzene #M	<10	<10									<10	ug/kg
Surrogate Recovery 2-Fluorobiphenyl	111	124									<0	%
Surrogate Recovery p-Terphenyl-d14	100	106									<0	%

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley
EMT Job No: 21/12313

VOC Report : **Solid**

EMT Sample No.	1-2	3-6										
Sample ID	BH7	BH9										
Depth	0.30-0.40	0.40-0.50										
COC No / misc												
Containers	V J	V J										
Sample Date	28/07/2021	28/07/2021										
Sample Type	Clay	Silt										
Batch Number	1	1										
Date of Receipt	12/08/2021	12/08/2021										

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
VOC MS													
Dichlorodifluoromethane	<2	<2									<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2									<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3									<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2									<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1									<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2									<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2									<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6									<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7									<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3									<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3									<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3									<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4									<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3									<3	ug/kg	TM15/PM10
Chloroform #	<3	<3									<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3									<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3									<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4									<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4									<4	ug/kg	TM15/PM10
Benzene #	<3	<3									<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3									<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6									<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3									<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3									<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4									<4	ug/kg	TM15/PM10
Toluene #	<3	<3									<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3									<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3									<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3									<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3									<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3									<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3									<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3									<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3									<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3									<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5									<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3									<3	ug/kg	TM15/PM10
Styrene	<3	<3									<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3									<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3									<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3									<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2									<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4									<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4									<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3									<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3									<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3									<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5									<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6									<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4									<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4									<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4									<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4									<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4									<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4									<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4									<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7									<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4									<4	ug/kg	TM15/PM10
Naphthalene	<27	<27									<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7									<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	109	130									<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	96	111									<0	%	TM15/PM10

Client Name: EPS Ltd

Reference: UK20.5052F

Location: Pfizer Havant

Contact: James Bowley

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	EPH Interpretation
21/12313	1	BH7	0.30-0.40	1-2	no interpretation possible
21/12313	1	BH9	0.40-0.50	3-6	no interpretation possible

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley

Note:

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

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

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

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/12313	1	BH7	0.30-0.40	2	18/08/2021	**General Description (Bulk Analysis)**	soil
					18/08/2021	**Asbestos Fibres**	NAD
					18/08/2021	**Asbestos ACM**	NAD
					18/08/2021	**Asbestos Type**	NAD
					18/08/2021	**Asbestos Level Screen**	NAD
21/12313	1	BH9	0.40-0.50	5	18/08/2021	**General Description (Bulk Analysis)**	soil
					18/08/2021	**Asbestos Fibres**	NAD
					18/08/2021	**Asbestos ACM**	NAD
					18/08/2021	**Asbestos Type**	NAD
					18/08/2021	**Asbestos Level Screen**	NAD

Client Name: EPS Ltd

Reference: UK20.5052F

Location: Pfizer Havant

Contact: James Bowley

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
21/12313	1	BH7	0.30-0.40	1-2	Cyanide, EPH, PAH, SVOC, VOC	Sample holding time exceeded prior to receipt
21/12313	1	BH9	0.40-0.50	3-6	Cyanide, EPH, PAH, SVOC, VOC	Sample holding time exceeded prior to receipt

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

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

Please include all sections of this report if it is reproduced

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	James Bowley
Date :	19th August, 2021
Your reference :	UK20.5052F
Our reference :	Test Report 21/11799 Batch 1
Location :	
Date samples received :	3rd August, 2021
Status :	Final report
Issue :	1

Three samples were received for analysis on 3rd August, 2021 of which three were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Hayley Prowse
Project Manager

Please include all sections of this report if it is reproduced

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	7-9	31-34	38-41								LOD/LOR	Units	Method No.
Sample ID	TP05	TP23	TP25										
Depth	1.50	0.30-0.60	0.30-0.50										
COC No / misc													
Containers	V J	V J	V J										
Sample Date	29/07/2021	26/07/2021	29/07/2021										
Sample Type	Clay	Clay	Clayey Sand										
Batch Number	1	1	1										
Date of Receipt	03/08/2021	03/08/2021	03/08/2021										
Arsenic #M	6.2	5.8	10.4								<0.5	mg/kg	TM30/PM15
Cadmium #M	0.6	0.2	0.4								<0.1	mg/kg	TM30/PM15
Chromium #M	84.3	53.2	43.5								<0.5	mg/kg	TM30/PM15
Copper #M	9	13	15								<1	mg/kg	TM30/PM15
Lead #M	13	24	107								<5	mg/kg	TM30/PM15
Mercury #M	<0.1	<0.1	<0.1								<0.1	mg/kg	TM30/PM15
Nickel #M	21.4	10.7	7.5								<0.7	mg/kg	TM30/PM15
Selenium #M	<1	<1	<1								<1	mg/kg	TM30/PM15
Total Sulphate as SO4 #M	125	4481	3812								<50	mg/kg	TM50/PM29
Zinc #M	35	46	72								<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene #M	<0.04	<0.04	<0.04								<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	0.13	<0.03								<0.03	mg/kg	TM4/PM8
Acenaphthene #M	<0.05	0.29	<0.05								<0.05	mg/kg	TM4/PM8
Fluorene #M	<0.04	0.29	<0.04								<0.04	mg/kg	TM4/PM8
Phenanthrene #M	<0.03	4.11	0.09								<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	1.24	<0.04								<0.04	mg/kg	TM4/PM8
Fluoranthene #M	<0.03	5.33	0.12								<0.03	mg/kg	TM4/PM8
Pyrene #	<0.03	5.14	0.10								<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	2.08	<0.06								<0.06	mg/kg	TM4/PM8
Chrysene #M	<0.02	2.42	0.04								<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene #M	<0.07	3.67	<0.07								<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	<0.04	2.07	<0.04								<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene #M	<0.04	1.30	<0.04								<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	0.33	<0.04								<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04	1.24	<0.04								<0.04	mg/kg	TM4/PM8
Coronene	<0.04	0.26	<0.04								<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	29.6	<0.6								<0.6	mg/kg	TM4/PM8
PAH 17 Total	<0.64	29.90	<0.64								<0.64	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	2.64	<0.05								<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	1.03	<0.02								<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	96	91	89								<0	%	TM4/PM8
VOC TICs	ND	ND	ND									None	TM15/PM10
SVOC TICs	ND	See Attached	ND									None	TM16/PM8
Mineral Oil (C10-C40) (EH_CU_1D_AL)	<30	242	<30								<30	mg/kg	TM5/PM8/PM16

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	7-9	31-34	38-41									
Sample ID	TP05	TP23	TP25									
Depth	1.50	0.30-0.60	0.30-0.50									
COC No / misc												
Containers	V J	V J	V J									
Sample Date	29/07/2021	26/07/2021	29/07/2021									
Sample Type	Clay	Clay	Clayey Sand									
Batch Number	1	1	1									
Date of Receipt	03/08/2021	03/08/2021	03/08/2021									

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) #M	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) #M	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) #M	<0.2	<0.2	<0.2								<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) #M	<4	<4	<4								<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) #M	<7	20	<7								<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) #M	<7	174	<7								<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	194	<19								<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) #	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) #	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) #M	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) #	<0.2	<0.2	<0.2								<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) #	<4	<4	<4								<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) #	<7	37	<7								<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) #	<7	274	<7								<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) #	<19	311	<19								<19	mg/kg	TM5/TM36/PM8/PM12/PM16
Total aliphatics and aromatics(C5-35) (EH+HS_CU_1D_Total)	<38	505	<38								<38	mg/kg	TM5/TM36/PM8/PM12/PM16
MTBE #	<5	<5	<5								<5	ug/kg	TM36/PM12
Benzene #	<5	<5	<5								<5	ug/kg	TM36/PM12
Toluene #	<5	<5	<5								<5	ug/kg	TM36/PM12
Ethylbenzene #	<5	<5	<5								<5	ug/kg	TM36/PM12
m/p-Xylene #	<5	<5	<5								<5	ug/kg	TM36/PM12
o-Xylene #	<5	<5	<5								<5	ug/kg	TM36/PM12
PCB 28 #	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 52 #	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 101 #	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 118 #	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 138 #	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 153 #	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 180 #	<5	<5	<5								<5	ug/kg	TM17/PM8
Total 7 PCBs #	<35	<35	<35								<35	ug/kg	TM17/PM8
Total Phenols HPLC	<0.15	<0.15	<0.15								<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	10.7	16.2	11.8								<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6								<0.6	mg/kg	TM38/PM20
Hexavalent Chromium #	<0.3	<0.3	<0.3								<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) #M	0.0109	0.2658	0.1080								<0.0015	g/l	TM38/PM20

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

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

EMT Sample No.	7-9	31-34	38-41									
Sample ID	TP05	TP23	TP25									
Depth	1.50	0.30-0.60	0.30-0.50									
COC No / misc												
Containers	V J	V J	V J									
Sample Date	29/07/2021	26/07/2021	29/07/2021									
Sample Type	Clay	Clay	Clayey Sand									
Batch Number	1	1	1									
Date of Receipt	03/08/2021	03/08/2021	03/08/2021									

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
Chromium III	84.3	53.2	43.5								<0.5	mg/kg	NONE/NONE
Total Cyanide #M	<0.5	<0.5	<0.5								<0.5	mg/kg	TM89/PM45
Total Organic Carbon #	0.10	0.49	0.43								<0.02	%	TM21/PM24
Organic Matter	<0.2	0.8	0.7								<0.2	%	TM21/PM24
Loss on Ignition #	2.1	4.3	4.7								<1.0	%	TM22/PM0
pH #M	8.41	11.23	12.07								<0.01	pH units	TM73/PM11
Sample Type	Clay	Clay	Clayey Sand									None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown									None	PM13/PM0
Other Items	stones, chalk	stones, vegetation,	stones									None	PM13/PM0

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

SVOC Report : **Solid**

EMT Sample No.	7-9	31-34	38-41									
Sample ID	TP05	TP23	TP25									
Depth	1.50	0.30-0.60	0.30-0.50							Please see attached notes for all abbreviations and acronyms		
COC No / misc												
Containers	V J	V J	V J									
Sample Date	29/07/2021	26/07/2021	29/07/2021									
Sample Type	Clay	Clay	Clayey Sand									
Batch Number	1	1	1									
Date of Receipt	03/08/2021	03/08/2021	03/08/2021									
SVOC MS										LOD/LOR	Units	Method No.
Phenols												
2-Chlorophenol #M	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dichlorophenol #M	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10							<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10							<10	ug/kg	TM16/PM8
Phenol #M	<10	<10	<10							<10	ug/kg	TM16/PM8
PAHs												
2-Chloronaphthalene #M	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Methylnaphthalene #M	<10	<10	<10							<10	ug/kg	TM16/PM8
Phthalates												
Bis(2-ethylhexyl) phthalate	<100	<100	<100							<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	153							<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100							<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100							<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100							<100	ug/kg	TM16/PM8
Dimethyl phthalate #M	<100	<100	<100							<100	ug/kg	TM16/PM8
Other SVOCs												
1,2-Dichlorobenzene	<10	<10	<10							<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene #M	<10	<10	<10							<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10							<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10							<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10							<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10							<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10							<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Bromophenylphenylether #M	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10							<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10							<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10							<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10							<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10							<10	ug/kg	TM16/PM8
Carbazole	<10	36	<10							<10	ug/kg	TM16/PM8
Dibenzofuran #M	<10	16	<10							<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10							<10	ug/kg	TM16/PM8
Hexachlorobutadiene #M	<10	<10	<10							<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10							<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10							<10	ug/kg	TM16/PM8
Isophorone #M	<10	<10	<10							<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine #M	<10	<10	<10							<10	ug/kg	TM16/PM8
Nitrobenzene #M	<10	<10	<10							<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	104	108	110							<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	93	110	105							<0	%	TM16/PM8

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Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

VOC Report : **Solid**

EMT Sample No.	7-9	31-34	38-41									
Sample ID	TP05	TP23	TP25									
Depth	1.50	0.30-0.60	0.30-0.50							Please see attached notes for all abbreviations and acronyms		
COC No / misc												
Containers	V J	V J	V J									
Sample Date	29/07/2021	26/07/2021	29/07/2021									
Sample Type	Clay	Clay	Clayey Sand									
Batch Number	1	1	1									
Date of Receipt	03/08/2021	03/08/2021	03/08/2021									
										LOD/LOR	Units	Method No.
VOC MS												
Dichlorodifluoromethane	<2	<2	<2							<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2							<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2							<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1							<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2							<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2							<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6							<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7							<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3							<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4							<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3							<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4							<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3							<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6							<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4							<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3							<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3							<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5							<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3							<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3							<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3							<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3							<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3							<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2							<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4							<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4							<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3							<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3							<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3							<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5							<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6							<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4							<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4							<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4							<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4							<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4							<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7							<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4							<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27							<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7							<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	100	87	95							<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	101	83	91							<0	%	TM15/PM10

Job number: 21/11799
Sample number: 33
Sample identity: TP23
Sample depth: 0.30-0.60
Sample Type: Clay
Units: ug/kg

Method: SVOC
Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
613-12-7	Anthracene, 2-methyl-	10.773	93	186
65789-44-8	4-Ethylacridine	11.280	83	158
85385-68-8	[14]Annulene, 1,6:8,13-bis(methano)-, syn	11.347	89	234
2381-21-7	Pyrene, 1-methyl-	12.090	93	278
3442-78-2	Pyrene, 2-methyl-	12.208	96	146
479-79-8	11H-Benzo[a]fluoren-11-one	12.673	97	143
239-35-0	Benzo[b]naphtho[2,1-d]thiophene	12.841	90	151

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CEN 10:1 LEACHATE RESULTS BS EN 12547-2

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	9.5
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	91.3
Particle Size <4mm =	>95%		

		Landfill Waste Acceptance Criteria Limits		
EMT Job No	**21/11799**	**Inert Waste Landfill**	**Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill**	**Hazardous Waste Landfill**
Sample No	**9**			
Client Sample No	**TP05**			
Depth/Other	**1.50**			
Sample Date	**29/07/2021**			
Batch No	**1**			
Solid Waste Analysis				
Total Organic Carbon (%)	0.10	3	5	6
Loss on Ignition (%)	2.1	-	-	10
Sum of BTEX (mg/kg)	<0.025	6	-	-
Sum of 7 PCBs (mg/kg)	<0.035	1	-	-
Mineral Oil (mg/kg) (EH_CU_1D_AL)	<30	500	-	-
PAH Sum of 17(mg/kg)	<0.64	100	-	-
pH (pH Units)	8.41	-	>6	-
ANC to pH 7 (mol/kg)	-	-	to be evaluated	to be evaluated
ANC to pH 4 (mol/kg)	-	-	to be evaluated	to be evaluated

Eluate Analysis	**10:1 conc^{n} leached**		**Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg**		
	C_{10}	**A_{10}**			
	mg/l	**mg/kg**	**mg/kg**		
Arsenic	<0.0025	<0.025	0.5	2	25
Barium	<0.003	<0.03	20	100	300
Cadmium	<0.0005	<0.005	0.04	1	5
Chromium	<0.0015	<0.015	0.5	10	70
Copper	<0.007	<0.07	2	50	100
Mercury	<0.001	<0.01	0.01	0.2	2
Molybdenum	<0.002	<0.02	0.5	10	30
Nickel	<0.002	<0.02	0.4	10	40
Lead	<0.005	<0.05	0.5	10	50
Antimony	<0.002	<0.02	0.06	0.7	5
Selenium	<0.003	<0.03	0.1	0.5	7
Zinc	0.003	<0.03	4	50	200
Chloride	0.7	7	800	15000	25000
Fluoride	<0.3	<3	10	150	500
Sulphate as SO4	3.0	30	1000	20000	50000
Total Dissolved Solids	42	420	4000	60000	100000
Phenol	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	6	60	500	800	1000

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All solid results are expressed on a dry weight basis unless stated otherwise.

CEN 10:1 LEACHATE RESULTS BS EN 12547-2

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	17.8
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	84.9
Particle Size <4mm =	>95%		

		Landfill Waste Acceptance Criteria Limits		
EMT Job No	**21/11799**			
Sample No	**34**			
Client Sample No	**TP23**	**Inert Waste Landfill**	**Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill**	**Hazardous Waste Landfill**
Depth/Other	**0.30-0.60**			
Sample Date	**26/07/2021**			
Batch No	**1**			
Solid Waste Analysis				
Total Organic Carbon (%)	0.49	3	5	6
Loss on Ignition (%)	4.3	-	-	10
Sum of BTEX (mg/kg)	<0.025	6	-	-
Sum of 7 PCBs (mg/kg)	<0.035	1	-	-
Mineral Oil (mg/kg) (EH_CU_1D_AL)	242	500	-	-
PAH Sum of 17(mg/kg)	29.90	100	-	-
pH (pH Units)	11.23	-	>6	-
ANC to pH 7 (mol/kg)	-	-	to be evaluated	to be evaluated
ANC to pH 4 (mol/kg)	-	-	to be evaluated	to be evaluated

Eluate Analysis	**10:1 conc^{n} leached**		**Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg**		
	C_{10}	**A_{10}**			
	mg/l	**mg/kg**	**mg/kg**		
Arsenic	<0.0025	<0.025	0.5	2	25
Barium	0.011	0.11	20	100	300
Cadmium	<0.0005	<0.005	0.04	1	5
Chromium	0.0053	0.053	0.5	10	70
Copper	<0.007	<0.07	2	50	100
Mercury	<0.001	<0.01	0.01	0.2	2
Molybdenum	<0.002	<0.02	0.5	10	30
Nickel	<0.002	<0.02	0.4	10	40
Lead	<0.005	<0.05	0.5	10	50
Antimony	<0.002	<0.02	0.06	0.7	5
Selenium	<0.003	<0.03	0.1	0.5	7
Zinc	<0.003	<0.03	4	50	200
Chloride	1.3	13	800	15000	25000
Fluoride	<0.3	<3	10	150	500
Sulphate as SO4	62.3	623	1000	20000	50000
Total Dissolved Solids	246	2460	4000	60000	100000
Phenol	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	6	60	500	800	1000

Please include all sections of this report if it is reproduced

All solid results are expressed on a dry weight basis unless stated otherwise.

CEN 10:1 LEACHATE RESULTS BS EN 12547-2

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	7.2
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	93.3
Particle Size <4mm =	>95%		

		Landfill Waste Acceptance Criteria Limits		
EMT Job No	**21/11799**	**Inert Waste Landfill**	**Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill**	**Hazardous Waste Landfill**
Sample No	**41**			
Client Sample No	**TP25**			
Depth/Other	**0.30-0.50**			
Sample Date	**29/07/2021**			
Batch No	**1**			
Solid Waste Analysis				
Total Organic Carbon (%)	0.43	3	5	6
Loss on Ignition (%)	4.7	-	-	10
Sum of BTEX (mg/kg)	<0.025	6	-	-
Sum of 7 PCBs (mg/kg)	<0.035	1	-	-
Mineral Oil (mg/kg) (EH_CU_1D_AL)	<30	500	-	-
PAH Sum of 17(mg/kg)	<0.64	100	-	-
pH (pH Units)	12.07	-	>6	-
ANC to pH 7 (mol/kg)	-	-	to be evaluated	to be evaluated
ANC to pH 4 (mol/kg)	-	-	to be evaluated	to be evaluated

Eluate Analysis	**10:1 conc^{n} leached**		**Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg**		
	C_{10}	**A_{10}**			
	mg/l	**mg/kg**	**mg/kg**		
Arsenic	<0.0025	<0.025	0.5	2	25
Barium	0.161	1.61	20	100	300
Cadmium	<0.0005	<0.005	0.04	1	5
Chromium	0.0228	0.228	0.5	10	70
Copper	<0.007	<0.07	2	50	100
Mercury	<0.001	<0.01	0.01	0.2	2
Molybdenum	0.004	0.04	0.5	10	30
Nickel	<0.002	<0.02	0.4	10	40
Lead	0.021	0.21	0.5	10	50
Antimony	<0.002	<0.02	0.06	0.7	5
Selenium	<0.003	<0.03	0.1	0.5	7
Zinc	<0.003	<0.03	4	50	200
Chloride	4.1	41	800	15000	25000
Fluoride	<0.3	<3	10	150	500
Sulphate as SO4	22.0	220	1000	20000	50000
Total Dissolved Solids	395	3952	4000	60000	100000
Phenol	<0.01	<0.1	1	-	-
Dissolved Organic Carbon	9	90	500	800	1000

Please include all sections of this report if it is reproduced

All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd

Reference: UK20.5052F

Location:

Contact: James Bowley

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	EPH Interpretation
21/11799	1	TP05	1.50	7-9	No interpretation possible
21/11799	1	TP23	0.30-0.60	31-34	PAHs, possible trace lube oil & tarmac/bitumen
21/11799	1	TP25	0.30-0.50	38-41	No interpretation possible

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

Note:

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

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

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

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/11799	1	TP23	0.30-0.60	33	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD
21/11799	1	TP25	0.30-0.50	40	17/08/2021	**General Description (Bulk Analysis)**	Soil
					17/08/2021	**Asbestos Fibres**	NAD
					17/08/2021	**Asbestos ACM**	NAD
					17/08/2021	**Asbestos Type**	NAD
					17/08/2021	**Asbestos Level Screen**	NAD

Client Name: EPS Ltd

Reference: UK20.5052F

Location:

Contact: James Bowley

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
21/11799	1	TP05	1.50	7-9	EPH	Sample holding time exceeded
21/11799	1	TP23	0.30-0.60	31-34	Cyanide, EPH, GRO, PAH, PCB, SVOC, VOC	Sample holding time exceeded
21/11799	1	TP25	0.30-0.50	38-41	Cyanide, EPH, PAH, PCB, SVOC	Sample holding time exceeded

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

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

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Michael Judson
Date :	18th August, 2021
Your reference :	UK20.5052f
Our reference :	Test Report 21/12297 Batch 1
Location :	Pfizer Havant
Date samples received :	12th August, 2021
Status :	Final report
Issue :	1

Three samples were received for analysis on 12th August, 2021 of which three were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Paul Boden BSc
Senior Project Manager

Please include all sections of this report if it is reproduced

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/12297

Report : Gas

EMT Sample No.	1	2	3									
Sample ID	WS04	WS03	WS05									
Depth												
COC No / misc												
Containers	GC	GC	GC									
Sample Date	10/08/2021	10/08/2021	10/08/2021									
Sample Type	Gas	Gas	Gas									
Batch Number	1	1	1									
Date of Receipt	12/08/2021	12/08/2021	12/08/2021									

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
Volatile Gases TICs USEPA	See Attached	See Attached	See Attached									None	TM68/PM0
Limonene (TIC)	<10	<10	<10								<10	ppbv	TM68/PM0
Limonene (TIC)	<55.7	<55.7	<55.7								<55.7	ug/m3	TM68/PM0
Carbon Dioxide	0.08	0.10	0.06								<0.05	%	TM69/PM0
Carbon Monoxide	<0.05	<0.05	<0.05								<0.05	%	TM69/PM0
Hydrogen	<0.5	<0.5	<0.5								<0.5	%	TM69/PM0
Methane	<0.05	<0.05	<0.05								<0.05	%	TM69/PM0
Methane	<5	<5	<5								<5	ppmV	TM69/PM0
Nitrogen	79.1	79.1	79.4								<0.5	%	TM69/PM0
Oxygen	20.8	20.9	20.6								<0.5	%	TM69/PM0
Hydrogen Sulphide	NDP	<1	NDP								<1	ppm	TM119/PM0

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS04
Depth:
EMT Job No: 21/12297
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2394 0.45
Sample Train Serial number: ST-161

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**178**	**335.4**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**48**	**114**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**19**	**47**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**167**	**492**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS04
Depth:
EMT Job No: 21/12297
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2394 0.45
Sample Train Serial number: ST-161

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**7.8**	**29.4**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**85.7**	**581.3**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**1.9**	**8.3**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**5.2**	**31**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**0.4**	**2.1**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**513**	**1640.5**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**92%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**31**	**103**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**32**	**131**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**87**	**463**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS04
Depth:
EMT Job No: 21/12297
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2394 0.45
Sample Train Serial number: ST-161

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**30**	**196**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**7.8**	**29.4**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS03
Depth:
EMT Job No: 21/12297
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2395 0.45
Sample Train Serial number: ST-119

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**156**	**293.9**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**19**	**45**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**11**	**27**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**90**	**265**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**2.9**	**15.8**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS03
Depth:
EMT Job No: 21/12297
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2395 0.45
Sample Train Serial number: ST-119

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**3.9**	**21**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**6**	**22.6**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**38.1**	**258.4**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**1.8**	**7.8**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**16.7**	**100**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**0.35**	**1.8**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**345.75**	**1058.3**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**92%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**11**	**36**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**13**	**53**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**58**	**308**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS03
Depth:
EMT Job No: 21/12297
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2395 0.45
Sample Train Serial number: ST-119

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**21**	**137**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**6**	**22.6**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS05
Depth:
EMT Job No: 21/12297
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2399 0.45
Sample Train Serial number: ST-106

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**231**	**435.2**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**34**	**81**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**18**	**44**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**5.5**	**17.1**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**146**	**431**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS05
Depth:
EMT Job No: 21/12297
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2399 0.45
Sample Train Serial number: ST-106

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**7.5**	**28.3**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**2.1**	**14.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**1.7**	**7.4**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**6.8**	**41**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**452.6**	**1099.2**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**92%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**29**	**96**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**50**	**204**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**69**	**367**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS05
Depth:
EMT Job No: 21/12297
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2399 0.45
Sample Train Serial number: ST-106

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**23**	**151**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**7.5**	**28.3**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Job number: 21/12297
Sample number: 1
Sample identity: WS04
Sample depth:
Sample Type: Gas
Units: ppbv

Method: VOC
Matrix: Gas

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
80-56-8	.alpha.-Pinene	20.377	97	22

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Job number: 21/12297
Sample number: 2
Sample identity: WS03
Sample depth:
Sample Type: Gas
Units: ppbv

Method: VOC
Matrix: Gas

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
80-56-8	.alpha.-Pinene	20.385	95	14

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Job number: 21/12297
Sample number: 3
Sample identity: WS05
Sample depth:
Sample Type: Gas
Units: ppbv

Method: VOC
Matrix: Gas

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
18173-64-3	tert-Butyldimethylsilanol	6.814	83	17
80-56-8	.alpha.-Pinene	20.377	97	19

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd

Reference: UK20.5052f

Location: Pfizer Havant

Contact: Michael Judson

Matrix : Gas

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Method No.	NDP Reason
21/12297	1	WS04		1	TM119/PM0	Insufficient sample for test
21/12297	1	WS05		3	TM119/PM0	Insufficient sample for test

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 21/12297						

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

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Michael Judson
Date :	24th May, 2021
Your reference :	UK20.5052E
Our reference :	Test Report 21/7441 Batch 1
Location :	Pfizer Havant
Date samples received :	19th May, 2021
Status :	Final report
Issue :	1

Six samples were received for analysis on 19th May, 2021 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Paul Boden BSc
Senior Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/7441

Report : Gas

EMT Sample No.	1	2	3	4	5	6					LOD/LOR	Units	Method No.
Sample ID	WS01	WS02	WS07	WS08	WS09	WS10							
Depth													
COC No / misc													
Containers	BV	BV	BV	BV	BV	BV							
Sample Date	17/05/2021	17/05/2021	17/05/2021	17/05/2021	17/05/2021	17/05/2021							
Sample Type	Gas	Gas	Gas	Gas	Gas	Gas							
Batch Number	1	1	1	1	1	1							
Date of Receipt	19/05/2021	19/05/2021	19/05/2021	19/05/2021	19/05/2021	19/05/2021							
Volatile Gases TICs USEPA	See Attached	ND	ND	ND	ND	ND						None	TM68/PM0
Limonene (TIC)	<10	<10	<10	<10	<10	<10					<10	ppbv	TM68/PM0
Limonene (TIC)	<55.7	<55.7	<55.7	<55.7	<55.7	<55.7					<55.7	ug/m3	TM68/PM0
Carbon Dioxide	0.11	<0.05	0.09	0.10	<0.05	0.07					<0.05	%	TM69/PM0
Carbon Monoxide	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05					<0.05	%	TM69/PM0
Hydrogen	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					<0.5	%	TM69/PM0
Methane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05					<0.05	%	TM69/PM0
Methane	<5	<5	<5	<5	<5	<5					<5	ppmV	TM69/PM0
Nitrogen	78.9	79.1	79.0	79.2	78.9	78.9					<0.5	%	TM69/PM0
Oxygen	21.0	20.9	20.9	20.7	21.0	21.0					<0.5	%	TM69/PM0
Hydrogen Sulphide	<1	<1	<1	<1	<1	<1					<1	ppm	TM119/PM0

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS01
Depth:
EMT Job No: 21/7441
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1040 0.55
Sample Train Serial number: ST-243

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**<100**	**<188.4**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**34**	**81**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**<6**	**<15**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**7**	**21**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS01
Depth:
EMT Job No: 21/7441
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1040 0.55
Sample Train Serial number: ST-243

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**1.6**	**7.4**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**4.9**	**18.5**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**2.5**	**17**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**2.9**	**12.6**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**54.4**	**157.5**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**91%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**11**	**45**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS01
Depth:
EMT Job No: 21/7441
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1040 0.55
Sample Train Serial number: ST-243

Q* - Qualifiers

B	Indicates analyte found in associated method blank
++	Indicates value exceeds calibration range

Key

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**22**	**144**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**4.9**	**18.5**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**50**	**245**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS02
Depth:
EMT Job No: 21/7441
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1003 0.55
Sample Train Serial number: ST-240

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**<100**	**<188.4**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**15**	**36**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**<6**	**<15**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**7**	**21**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**1.7**	**9.3**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS02
Depth:
EMT Job No: 21/7441
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1003 0.55
Sample Train Serial number: ST-240

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**3.3**	**12.4**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**3.2**	**21.7**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**30.2**	**100.4**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**91%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**10**	**53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS02
Depth:
EMT Job No: 21/7441
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1003 0.55
Sample Train Serial number: ST-240

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**3.3**	**12.4**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS07
Depth:
EMT Job No: 21/7441
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1017 0.55
Sample Train Serial number: ST-239

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**<100**	**<188.4**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**13**	**31**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**<6**	**<15**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**3**	**11.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**5**	**15**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS07
Depth:
EMT Job No: 21/7441
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1017 0.55
Sample Train Serial number: ST-239

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**3**	**16.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**3**	**11.3**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**5.7**	**38.7**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**32.7**	**124**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**92%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS07
Depth:
EMT Job No: 21/7441
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1017 0.55
Sample Train Serial number: ST-239

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**3**	**11.3**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS08
Depth:
EMT Job No: 21/7441
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1180 0.55
Sample Train Serial number: ST-242

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**<100**	**<188.4**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**23**	**55**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**6**	**<15**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**10**	**29**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS08
Depth:
EMT Job No: 21/7441
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1180 0.55
Sample Train Serial number: ST-242

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**3.2**	**12.1**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**1.7**	**11.5**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**43.9**	**107.6**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**92%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**15**	**61**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS08
Depth:
EMT Job No: 21/7441
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1180 0.55
Sample Train Serial number: ST-242

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**3.2**	**12.1**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS09
Depth:
EMT Job No: 21/7441
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 159 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**<100**	**<188.4**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**14**	**33**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**<6**	**<15**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**7**	**21**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS09
Depth:
EMT Job No: 21/7441
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 159 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**9.5**	**51.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**3**	**11.3**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**33.5**	**116.4**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**92%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**12**	**49**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS09
Depth:
EMT Job No: 21/7441
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 159 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B	Indicates analyte found in associated method blank
++	Indicates value exceeds calibration range

Key

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**3**	**11.3**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS10
Depth:
EMT Job No: 21/7441
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-262

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**<100**	**<188.4**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**24**	**57**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**<6**	**<15**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**9**	**27**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**6**	**18**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS10
Depth:
EMT Job No: 21/7441
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-262

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**3.6**	**13.6**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**42.6**	**115.6**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**92%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**11**	**36**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**14**	**57**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS10
Depth:
EMT Job No: 21/7441
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-262

Q* - Qualifiers

B	Indicates analyte found in associated method blank
++	Indicates value exceeds calibration range

Key

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**3.6**	**13.6**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Job number: 21/7441
Sample number: 1
Sample identity: WS01
Sample depth:
Sample Type: Gas
Units: ppbv

Method: VOC
Matrix: Gas

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
7785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	20.643	95	10

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 21/7441						

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

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Michael Judson
Date :	3rd June, 2021
Your reference :	UK20.5052e
Our reference :	Test Report 21/7891 Batch 1
Location :	Pfizer Havant
Date samples received :	26th May, 2021
Status :	Final report
Issue :	1

Five samples were received for analysis on 26th May, 2021 of which five were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Simon Gomery BSc
Project Manager

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Element Materials Technology Environmental UK Limited
Registered in England and Wales
Registered Office: 10 Lower Grosvenor Place, London, SW1W 0EN
Company Registration No: 11371415

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/7891

Report : Gas

EMT Sample No.	1	2	3	4	5						LOD/LOR	Units	Method No.
Sample ID	WS11	WS12	WS13	WS14	WS15								
Depth													
COC No / misc													
Containers	BV	BV	BV	BV	BV								
Sample Date	21/05/2021	21/05/2021	21/05/2021	21/05/2021	21/05/2021								
Sample Type	Gas	Gas	Gas	Gas	Gas								
Batch Number	1	1	1	1	1								
Date of Receipt	26/05/2021	26/05/2021	26/05/2021	26/05/2021	26/05/2021								
Volatile Gases TICs USEPA	ND	ND	See Attached	ND	ND							None	TM68/PM0
Limonene (TIC)	<10	<10	<10	<10	<10						<10	ppbv	TM68/PM0
Limonene (TIC)	<55.7	<55.7	<55.7	<55.7	<55.7						<55.7	ug/m3	TM68/PM0
Carbon Dioxide	0.14	<0.05	<0.05	0.28	<0.05						<0.05	%	TM69/PM0
Carbon Monoxide	<0.05	<0.05	<0.05	<0.05	<0.05						<0.05	%	TM69/PM0
Hydrogen	<0.5	<0.5	<0.5	<0.5	<0.5						<0.5	%	TM69/PM0
Methane	<0.05	<0.05	<0.05	<0.05	<0.05						<0.05	%	TM69/PM0
Methane	<5	<5	<5	<5	<5						<5	ppmV	TM69/PM0
Nitrogen	79.0	79.0	79.0	79.9	79.0						<0.5	%	TM69/PM0
Oxygen	20.8	21.0	20.9	19.8	21.0						<0.5	%	TM69/PM0
Hydrogen Sulphide	<1	<1	<1	<1	<1						<1	ppm	TM119/PM0

Please see attached notes for all abbreviations and acronyms

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS11
Depth:
EMT Job No: 21/7891
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1183 0.55
Sample Train Serial number: ST-124

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		7	17	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		1.6	5	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS11
Depth:
EMT Job No: 21/7891
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1183 0.55
Sample Train Serial number: ST-124

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**2**	**7.5**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**10.6**	**29.5**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**95%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS11
Depth:
EMT Job No: 21/7891
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1183 0.55
Sample Train Serial number: ST-124

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**2**	**7.5**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS12
Depth:
EMT Job No: 21/7891
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-236

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		12	29	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		2	6.2	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS12
Depth:
EMT Job No: 21/7891
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-236

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**1.7**	**6.4**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**15.7**	**41.6**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**94%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS12
Depth:
EMT Job No: 21/7891
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-236

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**1.7**	**6.4**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS13
Depth:
EMT Job No: 21/7891
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 670 0.55
Sample Train Serial number: ST-258

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		2.1	4.3	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		2.3	5.3	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		641	1207.8	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		2.6	6	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		138	328	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		12	29	<6	<6	<15	<15
109-66-0	72.15		Pentane		3.3	9.7	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		18	53	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		2.6	9.2	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS13
Depth:
EMT Job No: 21/7891
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 670 0.55
Sample Train Serial number: ST-258

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**11**	**41.4**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**1.5**	**6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**2.3**	**10**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**9.7**	**42.1**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**9.9**	**43**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**2.4**	**11.8**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**1.6**	**7.9**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**3.2**	**15.7**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**0.45**	**2.4**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**863.95**	**1832.7**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**95%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**47**	**156**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**12**	**49**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS13
Depth:
EMT Job No: 21/7891
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 670 0.55
Sample Train Serial number: ST-258

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**11**	**41.4**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**37**	**182**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS14
Depth:
EMT Job No: 21/7891
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20176 0.55
Sample Train Serial number: ST-259

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		4.7	10.8	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		11	26	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		5.1	15.9	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		3	12	<1	<1	<4	<4
110-54-3	86.17		Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS14
Depth:
EMT Job No: 21/7891
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20176 0.55
Sample Train Serial number: ST-259

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		2.9	15.6	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		1.6	6	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		28.3	86.3				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		82%		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100		Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130		Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS14
Depth:
EMT Job No: 21/7891
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20176 0.55
Sample Train Serial number: ST-259

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**1.6**	**6**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS15
Depth:
EMT Job No: 21/7891
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20175 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		12	29	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		3	9	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS15
Depth:
EMT Job No: 21/7891
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20175 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**3**	**11.3**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**18**	**49.3**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**78%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS15
Depth:
EMT Job No: 21/7891
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20175 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**3**	**11.3**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Job number: 21/7891
Sample number: 3
Sample identity: WS13
Sample depth:
Sample Type: Gas
Units: ppbv

Method: VOC
Matrix: Gas

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
120-92-3	Cyclopentanone	14.514	90	18

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 21/7891						

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

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Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN

Attention :	Michael Judson
Date :	24th September, 2021
Your reference :	UK20.5052f
Our reference :	Test Report 21/14463 Batch 1
Location :	Pfizer Havant
Date samples received :	17th September, 2021
Status :	Final report
Issue :	1

Six samples were received for analysis on 17th September, 2021 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Simon Gomery BSc
Project Manager

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Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/14463

Report : Gas

EMT Sample No.	1	2	3	4	5	6					LOD/LOR	Units	Method No.
Sample ID	WS06	WS19	WS20	WS21	WS23	TP26							
Depth													
COC No / misc													
Containers	BV	BV	BV	BV	BV	BV							
Sample Date	15/09/2021	15/09/2021	15/09/2021	15/09/2021	15/09/2021	15/09/2021							
Sample Type	Gas	Gas	Gas	Gas	Gas	Gas							
Batch Number	1	1	1	1	1	1							
Date of Receipt	17/09/2021	17/09/2021	17/09/2021	17/09/2021	17/09/2021	17/09/2021							
Volatile Gases TICs USEPA	ND	ND	ND	ND	ND	ND						None	TM68/PM0
Limonene (TIC)	<10	<10	<10	<10	<10	<10					<10	ppbv	TM68/PM0
Limonene (TIC)	<55.7	<55.7	<55.7	<55.7	<55.7	<55.7					<55.7	ug/m3	TM68/PM0
Carbon Dioxide	0.06	0.06	0.09	0.16	0.28	0.37					<0.05	%	TM69/PM0
Carbon Monoxide	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05					<0.05	%	TM69/PM0
Hydrogen	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5					<0.5	%	TM69/PM0
Methane	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05					<0.05	%	TM69/PM0
Methane	<5	<5	<5	<5	<5	<5					<5	ppmV	TM69/PM0
Nitrogen	79.6	79.9	79.6	79.5	79.3	79.6					<0.5	%	TM69/PM0
Oxygen	20.3	20.0	20.3	20.3	20.4	20.0					<0.5	%	TM69/PM0
Hydrogen Sulphide	NDP	NDP	NDP	<1	NDP	NDP					<1	ppm	TM119/PM0

Please see attached notes for all abbreviations and acronyms

Please include all sections of this report if it is reproduced
All solid results are expressed on a dry weight basis unless stated otherwise.

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS06
Depth:
EMT Job No: 21/14463
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1176 0.55
Sample Train Serial number: ST-265

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		144	271.3	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		26	62	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		12	29	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		9	27	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		1.6	5.6	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		2	10.9	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS06
Depth:
EMT Job No: 21/14463
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1176 0.55
Sample Train Serial number: ST-265

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**100.2**	**377.5**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**50.3**	**341.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**2.4**	**10.4**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**347.5**	**1134.9**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**89%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS06
Depth:
EMT Job No: 21/14463
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1176 0.55
Sample Train Serial number: ST-265

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**100.2**	**377.5**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS19
Depth:
EMT Job No: 21/14463
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1154 0.55
Sample Train Serial number: ST-270

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		**<2**	**<7**	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		**<2.5**	**<12.4**	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		**<1.5**	**<3.1**	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		**<1.5**	**<10.5**	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		**<1.5**	**<3.4**	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		**<1.5**	**<3.3**	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		**<1.5**	**<5.8**	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		**<1.5**	**<4**	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		**232**	**437.1**	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		**<1.5**	**<2.5**	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		**<2.5**	**<5.7**	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		**36**	**86**	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		**<1.5**	**<8.4**	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		**15**	**37**	<6	<6	<15	<15
109-66-0	72.15		Pentane		**<1.5**	**<4.4**	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		**<2**	**<6**	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		**<1.5**	**<8.7**	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		**<1.5**	**<5.9**	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		**<14.4**	**<50**	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		**<1.5**	**<4.7**	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		**<1.5**	**<3.7**	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		**<1.5**	**<4.3**	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		**<1.6**	**<4.6**	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		**<1.5**	**<5.4**	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		**<2**	**<6**	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		**<2**	**<6**	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		**<1**	**<4**	<1	<1	<4	<4
110-54-3	86.17		Hexane		**1.6**	**5.6**	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		**<1.5**	**<7.3**	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		**<3**	**<9**	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		**<1.5**	**<9.4**	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		**<2**	**<7**	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS19
Depth:
EMT Job No: 21/14463
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1154 0.55
Sample Train Serial number: ST-270

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene	>>	**1748.6**	**6588.7**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**2.1**	**9.1**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**2035.3**	**7163.5**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**91%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS19
Depth:
EMT Job No: 21/14463
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1154 0.55
Sample Train Serial number: ST-270

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**1748.6**	**6588.7**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS20
Depth:
EMT Job No: 21/14463
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1237 0.55
Sample Train Serial number: ST-264

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		216	407	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		16	38	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		14	34	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS20
Depth:
EMT Job No: 21/14463
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1237 0.55
Sample Train Serial number: ST-264

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**675.4**	**2544.9**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**921.4**	**3023.9**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**88%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS20
Depth:
EMT Job No: 21/14463
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1237 0.55
Sample Train Serial number: ST-264

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**675.4**	**2544.9**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS21
Depth:
EMT Job No: 21/14463
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1220 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		134	252.5	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		25	59	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		14	34	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS21
Depth:
EMT Job No: 21/14463
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1220 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**2**	**7.5**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**175**	**353**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**89%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS21
Depth:
EMT Job No: 21/14463
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1220 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**2**	**7.5**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS23
Depth:
EMT Job No: 21/14463
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-275

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		153	288.3	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		20	48	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		11	27	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS23
Depth:
EMT Job No: 21/14463
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-275

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**481.5**	**1814.3**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**3.6**	**15.6**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**669.1**	**2193.2**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**91%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS23
Depth:
EMT Job No: 21/14463
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-275

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**481.5**	**1814.3**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: TP26
Depth:
EMT Job No: 21/14463
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		270	508.7	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		24	57	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		13	32	<6	<6	<15	<15
109-66-0	72.15		Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		3.3	16.1	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: TP26
Depth:
EMT Job No: 21/14463
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
					ppbv	ug/m^3	ppbv	ppbv	ug/m^3	ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	#	cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	#	trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**498.6**	**1878.7**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**2.1**	**9.1**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**<1.5**	**<6.4**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**811**	**2501.6**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**91%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**<10**	**<33**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: TP26
Depth:
EMT Job No: 21/14463
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**498.6**	**1878.7**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**<10**	**<49**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Client Name: EPS Ltd

Reference: UK20.5052f

Location: Pfizer Havant

Contact: Michael Judson

Matrix : Gas

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Method No.	NDP Reason
21/14463	1	WS06		1	TM119/PM0	Insufficient sample for test
21/14463	1	WS19		2	TM119/PM0	Insufficient sample for test
21/14463	1	WS20		3	TM119/PM0	Insufficient sample for test
21/14463	1	WS23		5	TM119/PM0	Insufficient sample for test
21/14463	1	TP26		6	TM119/PM0	Insufficient sample for test

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 21/14463						

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

Please include all sections of this report if it is reproduced

APPENDIX G

Waste Classification Report

HazWasteOnline™

Waste Classification Report

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

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

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

OPXS9-HTYEY-DPDVG

Job name

Pfizer, New Lane, Havant

Description/Comments

Project

UK20.5052f

Site

Pfizer, 32 New Lane, Havant

Classified by

Name:
Michael Judson
Date:
25 Aug 2021 09:51 GMT
Telephone:
01954 710 666

Company:
Environmental Strategies Ltd EPS
Unit 7B, Caxton House, Broad Street, Great Cambourne
Cambridge
CB23 6JN

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	08 Dec 2016
3 year Refresher overdue	-

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP03-29/07/2021-0.30m		Hazardous	HP 8	3
2	TP05-28/07/2021-0.40-0.60m		Non Hazardous		9
3	TP05-29/07/2021-1.50m		Non Hazardous		15
4	TP06-29/07/2021-0.30-0.40m		Non Hazardous		21
5	TP07-29/07/2021-0.30-0.40m		Non Hazardous		27
6	TP08-29/07/2021-0.30-0.50m		Hazardous	HP 14	33
7	TP10-26/07/2021-0.25-0.40m		Hazardous	HP 8	39
8	TP10-26/07/2021-0.60-0.80m		Non Hazardous		45
9	TP21-26/07/2021-0.10-0.20m		Hazardous	HP 3(i), HP 7, HP 11	51
10	TP23-26/07/2021-0.30-0.60m		Non Hazardous		57
11	TP24-28/07/2021-0.25-0.40m		Non Hazardous		63
12	TP25-29/07/2021-0.30-0.50m		Hazardous	HP 8	69
13	TP26-28/07/2021-0.30-0.50m		Hazardous	HP 8	75
14	TP28-29/07/2021-0.30-0.50m		Non Hazardous		81
15	WS03-27/07/2021-0.12-0.40m		Hazardous	HP 7	87
16	WS03-27/07/2021-0.60-0.80m		Non Hazardous		93
17	WS04-27/07/2021-0.42-0.60m		Non Hazardous		99
18	WS05-27/07/2021-0.25-0.50m		Non Hazardous		105
19	WS06-27/07/2021-0.30-0.50m		Non Hazardous		111
20	WS16-28/07/2021-0.20-0.40m		Non Hazardous		117
21	WS17-28/07/2021-0.30-0.60m		Non Hazardous		123
22	WS18-28/07/2021-0.30-0.50m		Non Hazardous		129
23	BH7	0.30-0.40	Non Hazardous		135
24	BH9	0.40-0.50	Non Hazardous		137

Related documents

#	Name	Description
1	EMT-21-11799-Batch-1-202108191546.hwol	.hwol file used to create the Job
2	EPS Waste Stream Pfizer	waste stream template used to create this Job

Report

Created by: Michael Judson

Created date: 25 Aug 2021 09:51 GMT

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Classification of sample: TP03-29/07/2021-0.30m

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

Sample details

Sample name:
TP03-29/07/2021-0.30m
Moisture content:
6.9%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

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

Because of determinand:

pH: (conc.: 12.55 pH)

Determinands

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

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) } / 215-160-9 / 1308-38-9		48.9 mg/kg	1.462	66.857 mg/kg	0.00669 %	✓	
6		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		11.4 mg/kg		10.664 mg/kg	0.00107 %	✓	
7		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
8		copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		8 mg/kg	1.252	9.368 mg/kg	0.000937 %	✓	
9		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	6 mg/kg		5.613 mg/kg	0.000561 %	✓	
10		mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11		nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	8.4 mg/kg		7.858 mg/kg	0.000786 %	✓	
12		selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
13		zinc { zinc oxide }		23 mg/kg	1.245	26.781 mg/kg	0.00268 %	✓	
		030-013-00-7 / 215-222-5 / 1314-13-2							
14		chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
		024-001-00-0 / 215-607-8 / 1333-82-0							
15		naphthalene		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
		601-052-00-2 / 202-049-5 / 91-20-3							
16		acenaphthylene		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
		205-917-1 / 208-96-8							
17		acenaphthene		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6 / 83-32-9							
18		fluorene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		201-695-5 / 86-73-7							
19		phenanthrene		0.05 mg/kg		0.0468 mg/kg	0.00000468 %	✓	
		201-581-5 / 85-01-8							
20		anthracene		0.04 mg/kg		0.0374 mg/kg	0.00000374 %	✓	
		204-371-1 / 120-12-7							
21		fluoranthene		0.16 mg/kg		0.15 mg/kg	0.000015 %	✓	
		205-912-4 / 206-44-0							
22		pyrene		0.17 mg/kg		0.159 mg/kg	0.0000159 %	✓	
		204-927-3 / 129-00-0							
23		benzo[a]anthracene		0.1 mg/kg		0.0935 mg/kg	0.00000935 %	✓	
		601-033-00-9 / 200-280-6 / 56-55-3							
24		chrysene		0.14 mg/kg		0.131 mg/kg	0.0000131 %	✓	
		601-048-00-0 / 205-923-4 / 218-01-9							
25		benzo[a]pyrene; benzo[def]chrysene		0.12 mg/kg		0.112 mg/kg	0.0000112 %	✓	
		601-032-00-3 / 200-028-5 / 50-32-8							
26		indeno[123-cd]pyrene		0.07 mg/kg		0.0655 mg/kg	0.00000655 %	✓	
		205-893-2 / 193-39-5							
27		dibenz[a,h]anthracene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		601-041-00-2 / 200-181-8 / 53-70-3							
28		benzo[ghi]perylene		0.07 mg/kg		0.0655 mg/kg	0.00000655 %	✓	
		205-883-8 / 191-24-2							
29		benzo[b]fluoranthene		0.21 mg/kg		0.196 mg/kg	0.0000196 %	✓	
		601-034-00-4 / 205-911-9 / 205-99-2							
30		benzo[k]fluoranthene		0.08 mg/kg		0.0748 mg/kg	0.00000748 %	✓	
		601-036-00-5 / 205-916-6 / 207-08-9							
31		pH		12.55 pH		12.55 pH	12.55 pH		
		PH							
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
		006-007-00-5							
33		dichlorodifluoromethane		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9 / 75-71-8							
34		chloromethane; methyl chloride		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-001-00-7 / 200-817-4 / 74-87-3							
35		bromomethane; methylbromide		<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-002-00-2 / 200-813-2 / 74-83-9							
36		chloroethane		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		602-009-00-0 / 200-830-5 / 75-00-3							
37		trichlorofluoromethane		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3 / 75-69-4							
38		1,1-dichloroethylene; vinylidene chloride		<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-025-00-8 / 200-864-0 / 75-35-4							
39		dichloromethane; methylene chloride		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		602-004-00-3 / 200-838-9 / 75-09-2							
40		1,1-dichloroethane		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-011-00-1 / 200-863-5 / 75-34-3							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				0.012	mg/kg		0.0112	mg/kg	0.00000112 %	✓	
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]									
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.017 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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: TP05-28/07/2021-0.40-0.60m

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

Sample details

Sample name:
TP05-28/07/2021-0.40-0.60m
Moisture content:
16.5%
(dry 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: 16.5% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		54.7 mg/kg	1.462	68.624 mg/kg	0.00686 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.3 mg/kg		7.983 mg/kg	0.000798 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.4 mg/kg		0.343 mg/kg	0.0000343 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		11 mg/kg	1.252	11.819 mg/kg	0.00118 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	41 mg/kg		35.193 mg/kg	0.00352 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	13.3 mg/kg		11.416 mg/kg	0.00114 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		62 mg/kg	1.245	66.242 mg/kg	0.00662 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
21		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
24		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
28		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		pH			PH		10.73	pH		10.73	pH	10.73 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
41		2,2-dichloropropane		209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
42		bromochloromethane		200-826-3	74-97-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.0244 %		

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: TP05-29/07/2021-1.50m

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

Sample details

Sample name:
TP05-29/07/2021-1.50m
Moisture content:
10.7%
(dry 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% Dry Weight Moisture Correction applied (MC)

#		Determinand CLP index number / EC Number / CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		84.3 mg/kg	1.462	111.3 mg/kg	0.0111 %	✓	
6		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		6.2 mg/kg		5.601 mg/kg	0.00056 %	✓	
7		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.6 mg/kg		0.542 mg/kg	0.0000542 %	✓	
8		copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		9 mg/kg	1.252	10.177 mg/kg	0.00102 %	✓	
9		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	13 mg/kg		11.743 mg/kg	0.00117 %	✓	
10		mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11		nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	21.4 mg/kg		19.332 mg/kg	0.00193 %	✓	
12		selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13		zinc { zinc oxide } 030-013-00-7 / 215-222-5 / 1314-13-2		35 mg/kg	1.245	39.354 mg/kg	0.00394 %	✓	
14		chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0 / 215-607-8 / 1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				8.41	pH		8.41	pH	8.41 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		polychlorobiphenyls; PCB				<35	µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
81		coronene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-881-7	191-07-1									
82		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
84		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
85		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
88		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
89		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
90		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
91		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
92		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
94		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
95		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
96		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
97		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
98		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
99		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
100		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
101		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
102		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
103		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
104		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
105		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
106		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
107		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
108		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
109		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
110		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
111		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
112		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
113		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
114		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
115		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
116		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
117		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
118		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
119		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
120		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
121		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]									
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
122		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.024 %		

Key

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

Classification of sample: TP06-29/07/2021-0.30-0.40m

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

Sample details

Sample name:
TP06-29/07/2021-0.30-0.40m
Moisture content:
15.3%
(dry 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: 15.3% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38.6 mg/kg	1.462	48.93 mg/kg	0.00489 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.3 mg/kg		6.331 mg/kg	0.000633 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.4 mg/kg		0.347 mg/kg	0.0000347 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		8 mg/kg	1.252	8.685 mg/kg	0.000869 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	39 mg/kg		33.825 mg/kg	0.00338 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12.3 mg/kg		10.668 mg/kg	0.00107 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		91 mg/kg	1.245	98.238 mg/kg	0.00982 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				8.81	pH		8.81	pH	8.81 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.0249 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP07-29/07/2021-0.30-0.40m

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

Sample details

Sample name:
TP07-29/07/2021-0.30-0.40m
Moisture content:
12.4%
(dry 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% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		50.5 mg/kg	1.462	65.666 mg/kg	0.00657 %	✓	
6	arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		13.6 mg/kg		12.1 mg/kg	0.00121 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.2 mg/kg		0.178 mg/kg	0.0000178 %	✓	
8	copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		13 mg/kg	1.252	14.478 mg/kg	0.00145 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	53 mg/kg		47.153 mg/kg	0.00472 %	✓	
10	mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	12.8 mg/kg		11.388 mg/kg	0.00114 %	✓	
12	selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide } 030-013-00-7 / 215-222-5 / 1314-13-2		87 mg/kg	1.245	96.344 mg/kg	0.00963 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0 / 215-607-8 / 1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		phenanthrene		201-581-5	85-01-8		0.07	mg/kg		0.0623	mg/kg	0.00000623 %	✓	
20		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
21		fluoranthene		205-912-4	206-44-0		0.19	mg/kg		0.169	mg/kg	0.0000169 %	✓	
22		pyrene		204-927-3	129-00-0		0.19	mg/kg		0.169	mg/kg	0.0000169 %	✓	
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.16	mg/kg		0.142	mg/kg	0.0000142 %	✓	
24		chrysene	601-048-00-0	205-923-4	218-01-9		0.15	mg/kg		0.133	mg/kg	0.0000133 %	✓	
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.16	mg/kg		0.142	mg/kg	0.0000142 %	✓	
26		indeno[123-cd]pyrene		205-893-2	193-39-5		0.13	mg/kg		0.116	mg/kg	0.0000116 %	✓	
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
28		benzo[ghi]perylene		205-883-8	191-24-2		0.15	mg/kg		0.133	mg/kg	0.0000133 %	✓	
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.24	mg/kg		0.214	mg/kg	0.0000214 %	✓	
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.09	mg/kg		0.0801	mg/kg	0.00000801 %	✓	
31		pH			PH		9.76	pH		9.76	pH	9.76 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
41		2,2-dichloropropane		209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
42		bromochloromethane		200-826-3	74-97-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.0291 %		

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: TP08-29/07/2021-0.30-0.50m

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

Sample details

Sample name:
TP08-29/07/2021-0.30-0.50m
Moisture content:
6.1%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

zinc oxide: (compound conc.: 0.262%)

Determinands

Moisture content: 6.1% Dry Weight Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) } / 215-160-9 / 1308-38-9		28 mg/kg	1.462	38.571 mg/kg	0.00386 %	✓	
6		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		14.8 mg/kg		13.949 mg/kg	0.00139 %	✓	
7		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5 / /	1	8.1 mg/kg		7.634 mg/kg	0.000763 %	✓	
8		copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		10 mg/kg	1.252	11.798 mg/kg	0.00118 %	✓	
9		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6 / /	1	70 mg/kg		65.975 mg/kg	0.0066 %	✓	
10		mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11		nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	10.8 mg/kg		10.179 mg/kg	0.00102 %	✓	
12		selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		2237	mg/kg	1.245	2624.34	mg/kg	0.262 %	✓	
14		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		phenanthrene		201-581-5	85-01-8		0.15	mg/kg		0.141	mg/kg	0.0000141 %	✓	
20		anthracene		204-371-1	120-12-7		0.05	mg/kg		0.0471	mg/kg	0.00000471 %	✓	
21		fluoranthene		205-912-4	206-44-0		0.44	mg/kg		0.415	mg/kg	0.0000415 %	✓	
22		pyrene		204-927-3	129-00-0		0.49	mg/kg		0.462	mg/kg	0.0000462 %	✓	
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.27	mg/kg		0.254	mg/kg	0.0000254 %	✓	
24		chrysene	601-048-00-0	205-923-4	218-01-9		0.27	mg/kg		0.254	mg/kg	0.0000254 %	✓	
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.25	mg/kg		0.236	mg/kg	0.0000236 %	✓	
26		indeno[123-cd]pyrene		205-893-2	193-39-5		0.18	mg/kg		0.17	mg/kg	0.000017 %	✓	
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
28		benzo[ghi]perylene		205-883-8	191-24-2		0.19	mg/kg		0.179	mg/kg	0.0000179 %	✓	
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.37	mg/kg		0.349	mg/kg	0.0000349 %	✓	
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.14	mg/kg		0.132	mg/kg	0.0000132 %	✓	
31		pH			PH		10.58	pH		10.58	pH	10.58 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				0.122	mg/kg		0.115	mg/kg	0.0000115 %	✓	
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				0.016	mg/kg		0.0151	mg/kg	0.00000151 %	✓	
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]									
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.282 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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: TP10-26/07/2021-0.25-0.40m

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

Sample details

Sample name:
TP10-26/07/2021-0.25-0.40m
Moisture content:
13.7%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

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

Because of determinand:

pH: (conc.: 11.91 pH)

Determinands

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

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) } / 215-160-9 / 1308-38-9		53.7 mg/kg	1.462	69.029 mg/kg	0.0069 %	✓	
6		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		8.1 mg/kg		7.124 mg/kg	0.000712 %	✓	
7		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.3 mg/kg		0.264 mg/kg	0.0000264 %	✓	
8		copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		7 mg/kg	1.252	7.707 mg/kg	0.000771 %	✓	
9		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	17 mg/kg		14.952 mg/kg	0.0015 %	✓	
10		mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11		nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	9.2 mg/kg		8.091 mg/kg	0.000809 %	✓	
12		selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		zinc { zinc oxide }				57	mg/kg	1.245	62.4	mg/kg	0.00624 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
		024-001-00-0	215-607-8	1333-82-0									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				0.05	mg/kg		0.044	mg/kg	0.0000044 %	✓	
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				0.06	mg/kg		0.0528	mg/kg	0.00000528 %	✓	
			201-581-5	85-01-8									
20		anthracene				0.05	mg/kg		0.044	mg/kg	0.0000044 %	✓	
			204-371-1	120-12-7									
21		fluoranthene				0.28	mg/kg		0.246	mg/kg	0.0000246 %	✓	
			205-912-4	206-44-0									
22		pyrene				0.69	mg/kg		0.607	mg/kg	0.0000607 %	✓	
			204-927-3	129-00-0									
23		benzo[a]anthracene				0.34	mg/kg		0.299	mg/kg	0.0000299 %	✓	
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				0.32	mg/kg		0.281	mg/kg	0.0000281 %	✓	
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				0.32	mg/kg		0.281	mg/kg	0.0000281 %	✓	
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				0.2	mg/kg		0.176	mg/kg	0.0000176 %	✓	
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				0.23	mg/kg		0.202	mg/kg	0.0000202 %	✓	
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				0.44	mg/kg		0.387	mg/kg	0.0000387 %	✓	
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.17	mg/kg		0.15	mg/kg	0.000015 %	✓	
		601-036-00-5	205-916-6	207-08-9									
31		pH				11.91	pH		11.91	pH	11.91 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				90	mg/kg		79.156	mg/kg	0.00792 %	✓	
				TPH									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]									
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.0255 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00792%)

Classification of sample: TP10-26/07/2021-0.60-0.80m

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

Sample details

Sample name:
TP10-26/07/2021-0.60-0.80m
Moisture content:
19.4%
(dry 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: 19.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		73.2 mg/kg	1.462	89.603 mg/kg	0.00896 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12.8 mg/kg		10.72 mg/kg	0.00107 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.8 mg/kg		0.67 mg/kg	0.000067 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	18.871 mg/kg	0.00189 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	19 mg/kg		15.913 mg/kg	0.00159 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	41.4 mg/kg		34.673 mg/kg	0.00347 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		72 mg/kg	1.245	75.058 mg/kg	0.00751 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				8.05	pH		8.05	pH	8.05 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.0288 %		

Key

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

Classification of sample: TP21-26/07/2021-0.10-0.20m

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

Sample details

Sample name:
TP21-26/07/2021-0.10-0.20m
Moisture content:
14.6%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.101%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.101%)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.101%)

Determinands

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

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	●	ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		55.8 mg/kg	1.462	71.165 mg/kg	0.00712 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.1 mg/kg		7.068 mg/kg	0.000707 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		8 mg/kg	1.252	8.738 mg/kg	0.000874 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	7 mg/kg		6.108 mg/kg	0.000611 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	11.9 mg/kg		10.384 mg/kg	0.00104 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		41 mg/kg	1.245	44.532 mg/kg	0.00445 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
15	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
16	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
17	acenaphthene		201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene		201-695-5	86-73-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
19	phenanthrene		201-581-5	85-01-8		0.08 mg/kg		0.0698 mg/kg	0.00000698 %	✓	
20	anthracene		204-371-1	120-12-7		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
21	fluoranthene		205-912-4	206-44-0		0.37 mg/kg		0.323 mg/kg	0.0000323 %	✓	
22	pyrene		204-927-3	129-00-0		0.39 mg/kg		0.34 mg/kg	0.000034 %	✓	
23	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.25 mg/kg		0.218 mg/kg	0.0000218 %	✓	
24	chrysene	601-048-00-0	205-923-4	218-01-9		0.32 mg/kg		0.279 mg/kg	0.0000279 %	✓	
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.33 mg/kg		0.288 mg/kg	0.0000288 %	✓	
26	indeno[123-cd]pyrene		205-893-2	193-39-5		0.23 mg/kg		0.201 mg/kg	0.0000201 %	✓	
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.05 mg/kg		0.0436 mg/kg	0.00000436 %	✓	
28	benzo[ghi]perylene		205-883-8	191-24-2		0.25 mg/kg		0.218 mg/kg	0.0000218 %	✓	
29	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.48 mg/kg		0.419 mg/kg	0.0000419 %	✓	
30	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.18 mg/kg		0.157 mg/kg	0.0000157 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
31		pH				11.41	pH		11.41	pH	11.41 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			200-826-3	74-97-5									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
		602-010-00-6	203-444-5	106-93-4									

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
59		chlorobenzene	602-033-00-1	203-628-5	108-90-7		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
60		1,1,1,2-tetrachloroethane		211-135-1	630-20-6		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
61		bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
62		1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8	79-34-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
63		bromobenzene	602-060-00-9	203-623-8	108-86-1		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
64		1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
65		mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
66		tert-butylbenzene		202-632-4	98-06-6		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
67		1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
68		sec-butylbenzene		205-227-0	135-98-8		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
69		4-isopropyltoluene		202-796-7	99-87-6		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
70		1,3-dichlorbenzene	602-067-00-7	208-792-1	541-73-1		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
71		1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
72		n-butylbenzene		203-209-7	104-51-8		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73		1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74		1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75		1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76		hexachlorobutadiene		201-765-5	87-68-3		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77		1,2,3-trichlorobenzene		201-757-1	87-61-6		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78		vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79		styrene	601-026-00-0	202-851-5	100-42-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80		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]		<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
82		cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				0.131	mg/kg		0.114	mg/kg	0.0000114 %	✓	
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-018-00-5	201-795-9	88-06-2									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				0.159	mg/kg		0.139	mg/kg	0.0000139 %	✓	
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			230-281-7	7005-72-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				1163	mg/kg		1014.834	mg/kg	0.101 %	✓	
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
										Total:	0.117 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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: TP23-26/07/2021-0.30-0.60m

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

Sample details

Sample name:
TP23-26/07/2021-0.30-0.60m
Moisture content:
16.2%
(dry 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: 16.2% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X | 216-653-1 | 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8 | 200-753-7 | 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3 | 203-625-9 | 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4 | 202-849-4 | 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 | 1308-38-9		53.2 mg/kg	1.462	66.915 mg/kg	0.00669 %	✓	
6	arsenic { arsenic } 033-001-00-X | 231-148-6 | 7440-38-2		5.8 mg/kg		4.991 mg/kg	0.000499 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.2 mg/kg		0.172 mg/kg	0.0000172 %	✓	
8	copper { copper(II) oxide } 029-016-00-6 | 215-269-1 | 1317-38-0		13 mg/kg	1.252	14.004 mg/kg	0.0014 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	24 mg/kg		20.654 mg/kg	0.00207 %	✓	
10	mercury { mercury } 080-001-00-0 | 231-106-7 | 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel } 028-002-00-7 | 231-111-4 | 7440-02-0	7	10.7 mg/kg		9.208 mg/kg	0.000921 %	✓	
12	selenium { selenium } 034-001-00-2 | 231-957-4 | 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide } 030-013-00-7 | 215-222-5 | 1314-13-2		46 mg/kg	1.245	49.274 mg/kg	0.00493 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0 | 215-607-8 | 1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		0.13	mg/kg		0.112	mg/kg	0.0000112 %	✓	
17		acenaphthene		201-469-6	83-32-9		0.29	mg/kg		0.25	mg/kg	0.000025 %	✓	
18		fluorene		201-695-5	86-73-7		0.29	mg/kg		0.25	mg/kg	0.000025 %	✓	
19		phenanthrene		201-581-5	85-01-8		4.11	mg/kg		3.537	mg/kg	0.000354 %	✓	
20		anthracene		204-371-1	120-12-7		1.24	mg/kg		1.067	mg/kg	0.000107 %	✓	
21		fluoranthene		205-912-4	206-44-0		5.33	mg/kg		4.587	mg/kg	0.000459 %	✓	
22		pyrene		204-927-3	129-00-0		5.14	mg/kg		4.423	mg/kg	0.000442 %	✓	
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.08	mg/kg		1.79	mg/kg	0.000179 %	✓	
24		chrysene	601-048-00-0	205-923-4	218-01-9		2.42	mg/kg		2.083	mg/kg	0.000208 %	✓	
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.07	mg/kg		1.781	mg/kg	0.000178 %	✓	
26		indeno[123-cd]pyrene		205-893-2	193-39-5		1.3	mg/kg		1.119	mg/kg	0.000112 %	✓	
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.33	mg/kg		0.284	mg/kg	0.0000284 %	✓	
28		benzo[ghi]perylene		205-883-8	191-24-2		1.24	mg/kg		1.067	mg/kg	0.000107 %	✓	
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		2.64	mg/kg		2.272	mg/kg	0.000227 %	✓	
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.03	mg/kg		0.886	mg/kg	0.0000886 %	✓	
31		pH			PH		11.23	pH		11.23	pH	11.23 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
41		2,2-dichloropropane		209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
42		bromochloromethane		200-826-3	74-97-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		polychlorobiphenyls; PCB				<35	µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
81		coronene				0.26	mg/kg		0.224	mg/kg	0.0000224 %	✓	
			205-881-7	191-07-1									
82		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
84		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
85		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
88		carbazole				0.036	mg/kg		0.031	mg/kg	0.0000031 %	✓	
			201-696-0	86-74-8									
89		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
90		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
91		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
92		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
94		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
95		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
96		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
97		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
98		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
99		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
100		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
101		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
102		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
103		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
104		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
105		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
106		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
107		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
108		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
109		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
110		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
111		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
112		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
113		dibenzofuran				0.016	mg/kg		0.0138	mg/kg	0.00000138 %	✓	
			205-071-3	132-64-9									
114		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
115		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
116		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
117		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
118		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
119		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
120		TPH (C6 to C40) petroleum group				505	mg/kg		434.596	mg/kg	0.0435 %	✓	
				TPH									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
121		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]									
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
122		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.0629 %		

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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0435%)

Classification of sample: TP24-28/07/2021-0.25-0.40m

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

Sample details

Sample name:
TP24-28/07/2021-0.25-0.40m
Moisture content:
16.7%
(dry 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: 16.7% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } / 215-160-9 / 1308-38-9		46.1 mg/kg	1.462	57.736 mg/kg	0.00577 %	✓	
6	arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		12.5 mg/kg		10.711 mg/kg	0.00107 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5 / /	1	0.1 mg/kg		0.0857 mg/kg	0.00000857 %	✓	
8	copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		17 mg/kg	1.252	18.235 mg/kg	0.00182 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6 / /	1	16 mg/kg		13.71 mg/kg	0.00137 %	✓	
10	mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	29 mg/kg		24.85 mg/kg	0.00249 %	✓	
12	selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide } 030-013-00-7 / 215-222-5 / 1314-13-2		64 mg/kg	1.245	68.262 mg/kg	0.00683 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0 / 215-607-8 / 1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				7.94	pH		7.94	pH	7.94 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.0236 %		

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: TP25-29/07/2021-0.30-0.50m

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

Sample details

Sample name:
TP25-29/07/2021-0.30-0.50m
Moisture content:
11.8%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

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

Because of determinand:

pH: (conc.: 12.07 pH)

Determinands

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

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) } / 215-160-9 / 1308-38-9		43.5 mg/kg	1.462	56.867 mg/kg	0.00569 %	✓	
6		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		10.4 mg/kg		9.302 mg/kg	0.00093 %	✓	
7		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.4 mg/kg		0.358 mg/kg	0.0000358 %	✓	
8		copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		15 mg/kg	1.252	16.795 mg/kg	0.00168 %	✓	
9		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	107 mg/kg		95.707 mg/kg	0.00957 %	✓	
10		mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11		nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	7.5 mg/kg		6.708 mg/kg	0.000671 %	✓	
12		selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		72	mg/kg	1.245	80.16	mg/kg	0.00802 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
15	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
16	acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17	acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18	fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	phenanthrene		201-581-5	85-01-8		0.09	mg/kg		0.0805	mg/kg	0.00000805 %	✓	
20	anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
21	fluoranthene		205-912-4	206-44-0		0.12	mg/kg		0.107	mg/kg	0.0000107 %	✓	
22	pyrene		204-927-3	129-00-0		0.1	mg/kg		0.0894	mg/kg	0.00000894 %	✓	
23	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
24	chrysene	601-048-00-0	205-923-4	218-01-9		0.04	mg/kg		0.0358	mg/kg	0.00000358 %	✓	
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
28	benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31	pH			PH		12.07	pH		12.07	pH	12.07 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
33	dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
34	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36	chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
37	trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
38	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
39	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
40	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		polychlorobiphenyls; PCB				<35	µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
81		coronene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-881-7	191-07-1									
82		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
84		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
85		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
86		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
87		BBP; benzyl butyl phthalate				0.153	mg/kg		0.137	mg/kg	0.0000137 %	✓	
		607-430-00-3	201-622-7	85-68-7									
88		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
89		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
90		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
91		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
92		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
			203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
93		2,4,5-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4							
94		2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2							
95		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7							
96		4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7							
97		pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5							
98		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
99		2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7							
100		2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6							
101		dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2							
102		di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0							
103		diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2							
104		dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3							
105		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
106		2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2							
107		4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3							
108		4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8							
109		4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3							
110		azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3							
111		bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1							
112		bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4							
113		dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9							
114		hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1							
115		hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4							
116		hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1							
117		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1							
118		nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7							
119		nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<**LOD**
				TPH							
121		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
122		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]							
								Total:	0.0309 %		

Key

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

Classification of sample: TP26-28/07/2021-0.30-0.50m

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

Sample details

Sample name:
TP26-28/07/2021-0.30-0.50m
Moisture content:
2.8%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

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

Because of determinand:

pH: (conc.: 11.8 pH)

Determinands

Moisture content: 2.8% Dry Weight Moisture Correction applied (MC)

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2		benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3		toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4		ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) } / 215-160-9 / 1308-38-9		12.1 mg/kg	1.462	17.203 mg/kg	0.00172 %	✓	
6		arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		3.7 mg/kg		3.599 mg/kg	0.00036 %	✓	
7		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5 / /	1	0.6 mg/kg		0.584 mg/kg	0.0000584 %	✓	
8		copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		2 mg/kg	1.252	2.435 mg/kg	0.000244 %	✓	
9		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6 / /	1	11 mg/kg		10.7 mg/kg	0.00107 %	✓	
10		mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11		nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	2.4 mg/kg		2.335 mg/kg	0.000233 %	✓	
12		selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		zinc { zinc oxide }				57	mg/kg	1.245	69.016	mg/kg	0.0069 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
		024-001-00-0	215-607-8	1333-82-0									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				11.8	pH		11.8	pH	11.8 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]									
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.0148 %		

Key

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

Classification of sample: TP28-29/07/2021-0.30-0.50m

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

Sample details

Sample name:
TP28-29/07/2021-0.30-0.50m
Moisture content:
5.1%
(dry 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: 5.1% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		50.3 mg/kg	1.462	69.949 mg/kg	0.00699 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.5 mg/kg		6.185 mg/kg	0.000618 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	1.1 mg/kg		1.047 mg/kg	0.000105 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		5 mg/kg	1.252	5.955 mg/kg	0.000596 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	69 mg/kg		65.652 mg/kg	0.00657 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	5.5 mg/kg		5.233 mg/kg	0.000523 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		84 mg/kg	1.245	99.482 mg/kg	0.00995 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				11.12	pH		11.12	pH	11.12 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.0296 %		

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: WS03-27/07/2021-0.12-0.40m

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

Sample details

Sample name:
WS03-27/07/2021-0.12-0.40m
Moisture content:
8.5%
(dry weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.11%)

Determinands

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

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38.1 mg/kg	1.462	51.323 mg/kg	0.00513 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.3 mg/kg		6.728 mg/kg	0.000673 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.1 mg/kg		0.0922 mg/kg	0.00000922 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		13 mg/kg	1.252	14.998 mg/kg	0.0015 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1195 mg/kg		1101.382 mg/kg	0.11 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	9.8 mg/kg		9.032 mg/kg	0.000903 %	✓	

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
12		selenium { selenium }		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
		034-001-00-2 / 231-957-4 / 7782-49-2							
13		zinc { zinc oxide }		179 mg/kg	1.245	205.349 mg/kg	0.0205 %	✓	
		030-013-00-7 / 215-222-5 / 1314-13-2							
14		chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
		024-001-00-0 / 215-607-8 / 1333-82-0							
15		naphthalene		<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
		601-052-00-2 / 202-049-5 / 91-20-3							
16		acenaphthylene		0.04 mg/kg		0.0369 mg/kg	0.00000369 %	✓	
		205-917-1 / 208-96-8							
17		acenaphthene		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6 / 83-32-9							
18		fluorene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		201-695-5 / 86-73-7							
19		phenanthrene		0.08 mg/kg		0.0737 mg/kg	0.00000737 %	✓	
		201-581-5 / 85-01-8							
20		anthracene		0.11 mg/kg		0.101 mg/kg	0.0000101 %	✓	
		204-371-1 / 120-12-7							
21		fluoranthene		0.12 mg/kg		0.111 mg/kg	0.0000111 %	✓	
		205-912-4 / 206-44-0							
22		pyrene		0.14 mg/kg		0.129 mg/kg	0.0000129 %	✓	
		204-927-3 / 129-00-0							
23		benzo[a]anthracene		0.12 mg/kg		0.111 mg/kg	0.0000111 %	✓	
		601-033-00-9 / 200-280-6 / 56-55-3							
24		chrysene		0.14 mg/kg		0.129 mg/kg	0.0000129 %	✓	
		601-048-00-0 / 205-923-4 / 218-01-9							
25		benzo[a]pyrene; benzo[def]chrysene		0.13 mg/kg		0.12 mg/kg	0.000012 %	✓	
		601-032-00-3 / 200-028-5 / 50-32-8							
26		indeno[123-cd]pyrene		0.11 mg/kg		0.101 mg/kg	0.0000101 %	✓	
		205-893-2 / 193-39-5							
27		dibenz[a,h]anthracene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		601-041-00-2 / 200-181-8 / 53-70-3							
28		benzo[ghi]perylene		0.16 mg/kg		0.147 mg/kg	0.0000147 %	✓	
		205-883-8 / 191-24-2							
29		benzo[b]fluoranthene		0.21 mg/kg		0.194 mg/kg	0.0000194 %	✓	
		601-034-00-4 / 205-911-9 / 205-99-2							
30		benzo[k]fluoranthene		0.08 mg/kg		0.0737 mg/kg	0.00000737 %	✓	
		601-036-00-5 / 205-916-6 / 207-08-9							
31		pH		8.1 pH		8.1 pH	8.1 pH		
		PH							
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
		006-007-00-5							
33		dichlorodifluoromethane		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9 / 75-71-8							
34		chloromethane; methyl chloride		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-001-00-7 / 200-817-4 / 74-87-3							
35		bromomethane; methylbromide		<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		602-002-00-2 / 200-813-2 / 74-83-9							
36		chloroethane		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		602-009-00-0 / 200-830-5 / 75-00-3							
37		trichlorofluoromethane		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-892-3 / 75-69-4							
38		1,1-dichloroethylene; vinylidene chloride		<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-025-00-8 / 200-864-0 / 75-35-4							
39		dichloromethane; methylene chloride		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		602-004-00-3 / 200-838-9 / 75-09-2							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41	●	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42	●	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				13	µg/kg		0.012	mg/kg	0.0000012 %	✓	
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51	●	bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53	●	trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				4	µg/kg		0.0036	mg/kg	0.000000369 %	✓	
		602-028-00-4	204-825-9	127-18-4									
56	●	1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57	●	dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60	●	1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				16	µg/kg		0.0147	mg/kg	0.00000147 %	✓	
		601-025-00-5	203-604-4	108-67-8									
66	●	tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				52	µg/kg		0.0479	mg/kg	0.00000479 %	✓	
		601-043-00-3	202-436-9	95-63-6									
68	●	sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				0.03	mg/kg		0.0276	mg/kg	0.00000276 %	✓	
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5]									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
			209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				0.043	mg/kg		0.0396	mg/kg	0.00000396 %	✓	
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				0.016	mg/kg		0.0147	mg/kg	0.00000147 %	✓	
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]									
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.143 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinands:

mesitylene; 1,3,5-trimethylbenzene: (conc.: 1.47e-06%)
1,2,4-trimethylbenzene: (conc.: 4.79e-06%)

Classification of sample: WS03-27/07/2021-0.60-0.80m

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

Sample details

Sample name:
WS03-27/07/2021-0.60-0.80m
Moisture content:
18.7%
(dry 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% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X / 216-653-1 / 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8 / 200-753-7 / 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3 / 203-625-9 / 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4 / 202-849-4 / 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 / 1308-38-9		54.1 mg/kg	1.462	66.613 mg/kg	0.00666 %	✓	
6	arsenic { arsenic } 033-001-00-X / 231-148-6 / 7440-38-2		13.6 mg/kg		11.457 mg/kg	0.00115 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.1 mg/kg		0.0842 mg/kg	0.00000842 %	✓	
8	copper { copper(II) oxide } 029-016-00-6 / 215-269-1 / 1317-38-0		19 mg/kg	1.252	20.037 mg/kg	0.002 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	22 mg/kg		18.534 mg/kg	0.00185 %	✓	
10	mercury { mercury } 080-001-00-0 / 231-106-7 / 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel } 028-002-00-7 / 231-111-4 / 7440-02-0	7	33.4 mg/kg		28.138 mg/kg	0.00281 %	✓	
12	selenium { selenium } 034-001-00-2 / 231-957-4 / 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide } 030-013-00-7 / 215-222-5 / 1314-13-2		71 mg/kg	1.245	74.452 mg/kg	0.00745 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0 / 215-607-8 / 1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				7.74	pH		7.74	pH	7.74 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97	•	2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98	•	2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100	•	di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101	•	diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102	•	dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105	•	4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107	•	4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109	•	bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111	•	dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114	•	hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118	•	TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.0262 %		

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: WS04-27/07/2021-0.42-0.60m

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

Sample details

Sample name:
WS04-27/07/2021-0.42-0.60m
Moisture content:
14.6%
(dry 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: 14.6% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X | 216-653-1 | 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8 | 200-753-7 | 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3 | 203-625-9 | 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4 | 202-849-4 | 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 | 1308-38-9		50.5 mg/kg	1.462	64.405 mg/kg	0.00644 %	✓	
6	arsenic { arsenic } 033-001-00-X | 231-148-6 | 7440-38-2		12.6 mg/kg		10.995 mg/kg	0.0011 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.1 mg/kg		0.0873 mg/kg	0.00000873 %	✓	
8	copper { copper(II) oxide } 029-016-00-6 | 215-269-1 | 1317-38-0		17 mg/kg	1.252	18.569 mg/kg	0.00186 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	16 mg/kg		13.962 mg/kg	0.0014 %	✓	
10	mercury { mercury } 080-001-00-0 | 231-106-7 | 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel } 028-002-00-7 | 231-111-4 | 7440-02-0	7	28.5 mg/kg		24.869 mg/kg	0.00249 %	✓	
12	selenium { selenium } 034-001-00-2 | 231-957-4 | 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide } 030-013-00-7 | 215-222-5 | 1314-13-2		66 mg/kg	1.245	71.685 mg/kg	0.00717 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0 | 215-607-8 | 1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
21		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
24		chrysene	601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
28		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		pH			PH		7.32	pH		7.32	pH	7.32 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
41		2,2-dichloropropane		209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
42		bromochloromethane		200-826-3	74-97-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.0247 %		

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: WS05-27/07/2021-0.25-0.50m

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

Sample details

Sample name:
WS05-27/07/2021-0.25-0.50m
Moisture content:
3.6%
(dry 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: 3.6% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.1 mg/kg	1.462	11.427 mg/kg	0.00114 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.4 mg/kg		3.282 mg/kg	0.000328 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.4 mg/kg		0.386 mg/kg	0.0000386 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		4 mg/kg	1.252	4.833 mg/kg	0.000483 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	21 mg/kg		20.27 mg/kg	0.00203 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	3.8 mg/kg		3.668 mg/kg	0.000367 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		53 mg/kg	1.245	63.677 mg/kg	0.00637 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
20		anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			204-371-1	120-12-7									
21		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
22		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
23		benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
31		pH				10.02	pH		10.02	pH	10.02 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.015 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS06-27/07/2021-0.30-0.50m

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

Sample details

Sample name:
WS06-27/07/2021-0.30-0.50m
Moisture content:
2.7%
(dry 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: 2.7% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		6 µg/kg		0.0058 mg/kg	0.000000584 %	✓	
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13.4 mg/kg	1.462	19.07 mg/kg	0.00191 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.7 mg/kg		4.576 mg/kg	0.000458 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.3 mg/kg		0.292 mg/kg	0.0000292 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		7 mg/kg	1.252	8.532 mg/kg	0.000853 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	18 mg/kg		17.527 mg/kg	0.00175 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	5.9 mg/kg		5.745 mg/kg	0.000574 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		65 mg/kg	1.245	78.779 mg/kg	0.00788 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<**LOD**
16		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
17		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
18		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
19		phenanthrene		201-581-5	85-01-8		0.12	mg/kg		0.117	mg/kg	0.0000117 %	✓	
20		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
21		fluoranthene		205-912-4	206-44-0		0.17	mg/kg		0.166	mg/kg	0.0000166 %	✓	
22		pyrene		204-927-3	129-00-0		0.14	mg/kg		0.136	mg/kg	0.0000136 %	✓	
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.07	mg/kg		0.0682	mg/kg	0.00000682 %	✓	
24		chrysene	601-048-00-0	205-923-4	218-01-9		0.06	mg/kg		0.0584	mg/kg	0.00000584 %	✓	
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.06	mg/kg		0.0584	mg/kg	0.00000584 %	✓	
26		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
28		benzo[ghi]perylene		205-883-8	191-24-2		0.04	mg/kg		0.0389	mg/kg	0.00000389 %	✓	
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.09	mg/kg		0.0876	mg/kg	0.00000876 %	✓	
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.03	mg/kg		0.0292	mg/kg	0.00000292 %	✓	
31		pH			PH		10.3	pH		10.3	pH	10.3 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<**LOD**
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<**LOD**
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<**LOD**
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**
41		2,2-dichloropropane		209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<**LOD**
42		bromochloromethane		200-826-3	74-97-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				0.005	mg/kg		0.0048	mg/kg	0.000000487 %	✓	
		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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.0177 %		

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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

toluene: (conc.: 5.84e-07%)

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

Because of determinand:

xylene: (conc.: 4.87e-07%)

Classification of sample: WS16-28/07/2021-0.20-0.40m

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

Sample details

Sample name:
WS16-28/07/2021-0.20-0.40m
Moisture content:
6.3%
(dry 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: 6.3% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<**LOD**
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	13.612 mg/kg	0.00136 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		2.7 mg/kg		2.54 mg/kg	0.000254 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.4 mg/kg		0.376 mg/kg	0.0000376 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		9 mg/kg	1.252	10.598 mg/kg	0.00106 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	28 mg/kg		26.341 mg/kg	0.00263 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	7.6 mg/kg		7.15 mg/kg	0.000715 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		75 mg/kg	1.245	87.821 mg/kg	0.00878 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
15		naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
16		acenaphthylene				0.04	mg/kg		0.0376	mg/kg	0.00000376 %	✓	
			205-917-1	208-96-8									
17		acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
			201-469-6	83-32-9									
18		fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
			201-695-5	86-73-7									
19		phenanthrene				0.1	mg/kg		0.0941	mg/kg	0.00000941 %	✓	
			201-581-5	85-01-8									
20		anthracene				0.07	mg/kg		0.0659	mg/kg	0.00000659 %	✓	
			204-371-1	120-12-7									
21		fluoranthene				0.29	mg/kg		0.273	mg/kg	0.0000273 %	✓	
			205-912-4	206-44-0									
22		pyrene				0.27	mg/kg		0.254	mg/kg	0.0000254 %	✓	
			204-927-3	129-00-0									
23		benzo[a]anthracene				0.19	mg/kg		0.179	mg/kg	0.0000179 %	✓	
		601-033-00-9	200-280-6	56-55-3									
24		chrysene				0.19	mg/kg		0.179	mg/kg	0.0000179 %	✓	
		601-048-00-0	205-923-4	218-01-9									
25		benzo[a]pyrene; benzo[def]chrysene				0.17	mg/kg		0.16	mg/kg	0.000016 %	✓	
		601-032-00-3	200-028-5	50-32-8									
26		indeno[123-cd]pyrene				0.13	mg/kg		0.122	mg/kg	0.0000122 %	✓	
			205-893-2	193-39-5									
27		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
28		benzo[ghi]perylene				0.13	mg/kg		0.122	mg/kg	0.0000122 %	✓	
			205-883-8	191-24-2									
29		benzo[b]fluoranthene				0.27	mg/kg		0.254	mg/kg	0.0000254 %	✓	
		601-034-00-4	205-911-9	205-99-2									
30		benzo[k]fluoranthene				0.11	mg/kg		0.103	mg/kg	0.0000103 %	✓	
		601-036-00-5	205-916-6	207-08-9									
31		pH				9.26	pH		9.26	pH	9.26 pH		
				PH									
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
33		dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-893-9	75-71-8									
34		chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
35		bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		602-002-00-2	200-813-2	74-83-9									
36		chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-009-00-0	200-830-5	75-00-3									
37		trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
			200-892-3	75-69-4									
38		1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-004-00-3	200-838-9	75-09-2									
40		1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
41		2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			209-832-0	594-20-7									
42		bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-826-3	74-97-5									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				0.016	mg/kg		0.0151	mg/kg	0.00000151 %	✓	
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				0.016	mg/kg		0.0151	mg/kg	0.00000151 %	✓	
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
								Total:	0.0192 %		

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: WS17-28/07/2021-0.30-0.60m

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

Sample details

Sample name:
WS17-28/07/2021-0.30-0.60m
Moisture content:
7.4%
(dry 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: 7.4% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X | 216-653-1 | 1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8 | 200-753-7 | 71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3 | 203-625-9 | 108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4 | 202-849-4 | 100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9 | 1308-38-9		15.8 mg/kg	1.462	21.501 mg/kg	0.00215 %	✓	
6	arsenic { arsenic } 033-001-00-X | 231-148-6 | 7440-38-2		3.6 mg/kg		3.352 mg/kg	0.000335 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5	1	0.4 mg/kg		0.372 mg/kg	0.0000372 %	✓	
8	copper { copper(II) oxide } 029-016-00-6 | 215-269-1 | 1317-38-0		4 mg/kg	1.252	4.662 mg/kg	0.000466 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6	1	15 mg/kg		13.966 mg/kg	0.0014 %	✓	
10	mercury { mercury } 080-001-00-0 | 231-106-7 | 7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel } 028-002-00-7 | 231-111-4 | 7440-02-0	7	3.8 mg/kg		3.538 mg/kg	0.000354 %	✓	
12	selenium { selenium } 034-001-00-2 | 231-957-4 | 7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide } 030-013-00-7 | 215-222-5 | 1314-13-2		56 mg/kg	1.245	64.901 mg/kg	0.00649 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide } 024-001-00-0 | 215-607-8 | 1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
16		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
21		fluoranthene		205-912-4	206-44-0		0.03	mg/kg		0.0279	mg/kg	0.00000279 %	✓	
22		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
24		chrysene	601-048-00-0	205-923-4	218-01-9		0.02	mg/kg		0.0186	mg/kg	0.00000186 %	✓	
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
28		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
31		pH			PH		9.56	pH		9.56	pH	9.56 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
41		2,2-dichloropropane		209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
42		bromochloromethane		200-826-3	74-97-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
43		chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3							
44		1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6							
45		1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
46		carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
47		1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
48		trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6							
49		1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
50		dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
51		bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4							
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53		trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6							
54		1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
55		tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
56		1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9							
57		dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1							
58		1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
59		chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
60		1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6							
61		bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
62		1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5							
63		bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
64		1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
65		mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
66		tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6							
67		1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
68		sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8							
69		4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6							
70		1,3-dichlorbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
71		1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				132	mg/kg		122.905	mg/kg	0.0123 %	✓	
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.024 %		

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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0123%)

Classification of sample: WS18-28/07/2021-0.30-0.50m

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

Sample details

Sample name:
WS18-28/07/2021-0.30-0.50m
Moisture content:
11%
(dry 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% Dry Weight Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene	601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene	601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		48.5 mg/kg	1.462	63.861 mg/kg	0.00639 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11.6 mg/kg		10.45 mg/kg	0.00105 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.4 mg/kg		0.36 mg/kg	0.000036 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		24 mg/kg	1.252	27.065 mg/kg	0.00271 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	19 mg/kg		17.117 mg/kg	0.00171 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22.3 mg/kg		20.09 mg/kg	0.00201 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		80 mg/kg	1.245	89.709 mg/kg	0.00897 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		naphthalene	601-052-00-2	202-049-5	91-20-3		0.07	mg/kg		0.0631	mg/kg	0.00000631 %	✓	
16		acenaphthylene		205-917-1	208-96-8		0.12	mg/kg		0.108	mg/kg	0.0000108 %	✓	
17		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		phenanthrene		201-581-5	85-01-8		0.26	mg/kg		0.234	mg/kg	0.0000234 %	✓	
20		anthracene		204-371-1	120-12-7		0.22	mg/kg		0.198	mg/kg	0.0000198 %	✓	
21		fluoranthene		205-912-4	206-44-0		0.72	mg/kg		0.649	mg/kg	0.0000649 %	✓	
22		pyrene		204-927-3	129-00-0		0.65	mg/kg		0.586	mg/kg	0.0000586 %	✓	
23		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.44	mg/kg		0.396	mg/kg	0.0000396 %	✓	
24		chrysene	601-048-00-0	205-923-4	218-01-9		0.61	mg/kg		0.55	mg/kg	0.000055 %	✓	
25		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.57	mg/kg		0.514	mg/kg	0.0000514 %	✓	
26		indeno[123-cd]pyrene		205-893-2	193-39-5		0.5	mg/kg		0.45	mg/kg	0.000045 %	✓	
27		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.0901	mg/kg	0.00000901 %	✓	
28		benzo[ghi]perylene		205-883-8	191-24-2		0.5	mg/kg		0.45	mg/kg	0.000045 %	✓	
29		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.99	mg/kg		0.892	mg/kg	0.0000892 %	✓	
30		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.38	mg/kg		0.342	mg/kg	0.0000342 %	✓	
31		pH			PH		9.01	pH		9.01	pH	9.01 pH		
32		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
33		dichlorodifluoromethane		200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
34		chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
35		bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
36		chloroethane	602-009-00-0	200-830-5	75-00-3		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
37		trichlorofluoromethane		200-892-3	75-69-4		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
38		1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
39		dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
40		1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
41		2,2-dichloropropane		209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
42		bromochloromethane		200-826-3	74-97-5		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
43		chloroform; trichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-006-00-4	200-663-8	67-66-3									
44		1,1,1-trichloroethane; methyl chloroform				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
45		1,1-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
46		carbon tetrachloride; tetrachloromethane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-008-00-5	200-262-8	56-23-5									
47		1,2-dichloroethane; ethylene dichloride				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-012-00-7	203-458-1	107-06-2									
48		trichloroethylene; trichloroethene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-027-00-9	201-167-4	79-01-6									
49		1,2-dichloropropane; propylene dichloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-020-00-0	201-152-2	78-87-5									
50		dibromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
51		bromodichloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			200-856-7	75-27-4									
52		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
53		trans-1,3-dichloropropene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			431-460-4	10061-02-6									
54		1,1,2-trichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
55		tetrachloroethylene				3	µg/kg		0.0027	mg/kg	0.00000027 %	✓	
		602-028-00-4	204-825-9	127-18-4									
56		1,3-dichloropropane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			205-531-3	142-28-9									
57		dibromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			204-704-0	124-48-1									
58		1,2-dibromoethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-010-00-6	203-444-5	106-93-4									
59		chlorobenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-033-00-1	203-628-5	108-90-7									
60		1,1,1,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
			211-135-1	630-20-6									
61		bromoform; tribromomethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-007-00-X	200-854-6	75-25-2									
62		1,1,2,2-tetrachloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
63		bromobenzene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-060-00-9	203-623-8	108-86-1									
64		1,2,3-trichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-062-00-X	202-486-1	96-18-4									
65		mesitylene; 1,3,5-trimethylbenzene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-025-00-5	203-604-4	108-67-8									
66		tert-butylbenzene				<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
			202-632-4	98-06-6									
67		1,2,4-trimethylbenzene				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		601-043-00-3	202-436-9	95-63-6									
68		sec-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			205-227-0	135-98-8									
69		4-isopropyltoluene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			202-796-7	99-87-6									
70		1,3-dichlorbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-067-00-7	208-792-1	541-73-1									
71		1,4-dichlorobenzene; p-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-035-00-2	203-400-5	106-46-7									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
72		n-butylbenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			203-209-7	104-51-8									
73		1,2-dichlorobenzene; o-dichlorobenzene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-034-00-7	202-425-9	95-50-1									
74		1,2-dibromo-3-chloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		602-021-00-6	202-479-3	96-12-8									
75		1,2,4-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		602-087-00-6	204-428-0	120-82-1									
76		hexachlorobutadiene				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
			201-765-5	87-68-3									
77		1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
			201-757-1	87-61-6									
78		vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
79		styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
80		xylene				<0.013	mg/kg		<0.013	mg/kg	<0.0000013 %		<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]									
81		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
82		cumene; [1] propylbenzene [2]				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
83		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]									
84		bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				0.403	mg/kg		0.363	mg/kg	0.0000363 %	✓	
		607-317-00-9	204-211-0	117-81-7									
85		BBP; benzyl butyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-430-00-3	201-622-7	85-68-7									
86		carbazole				0.072	mg/kg		0.0649	mg/kg	0.00000649 %	✓	
			201-696-0	86-74-8									
87		2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]									
88		2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-857-5	88-75-5									
89		2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-011-00-7	204-429-6	120-83-2									
90		3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
91		2,4,5-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-017-00-X	202-467-8	95-95-4									
92		2,4,6-trichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-018-00-5	201-795-9	88-06-2									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
93		chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-014-00-3	200-431-6	59-50-7									
94		4-nitrophenol; p-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-015-00-2	202-811-7	100-02-7									
95		pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-002-00-8	201-778-6	87-86-5									
96		phenol; carbolic acid; monohydroxybenzene; phenylalcohol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
97		2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-079-9	91-58-7									
98		2-methyl naphthalene				0.064	mg/kg		0.0577	mg/kg	0.00000577 %	✓	
			202-078-3	91-57-6									
99		dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		607-318-00-4	201-557-4	84-74-2									
100		di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-214-7	117-84-0									
101		diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-550-6	84-66-2									
102		dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-011-6	131-11-3									
103		2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]									
104		2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-049-00-8	210-106-0	606-20-2									
105		4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			202-952-4	101-55-3									
106		4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-137-00-9	203-401-0	106-47-8									
107		4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			230-281-7	7005-72-3									
108		azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		611-001-00-6	203-102-5	103-33-3									
109		bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			203-920-2	111-91-1									
110		bis(2-chloroethyl) ether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		603-029-00-2	203-870-1	111-44-4									
111		dibenzofuran				0.061	mg/kg		0.055	mg/kg	0.0000055 %	✓	
			205-071-3	132-64-9									
112		hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-065-00-6	204-273-9	118-74-1									
113		hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-078-00-7	201-029-3	77-47-4									
114		hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-666-4	67-72-1									
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		606-012-00-8	201-126-0	78-59-1									
116		nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		612-098-00-8	210-698-0	621-64-7									
117		nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-003-00-7	202-716-0	98-95-3									
118		TPH (C6 to C40) petroleum group				204	mg/kg		183.784	mg/kg	0.0184 %	✓	
				TPH									
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]									
		612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
								Total:	0.0422 %		

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

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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0184%)

Classification of sample: BH7

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

Sample details

Sample name:
BH7
Sample Depth:
0.30-0.40 m
Moisture content:
15.4%
(dry 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: 15.4% Dry Weight Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 µg/kg		<2.0e-06 mg/kg	<2.0e-10 %		<LOD
2		benzene	601-020-00-8	200-753-7	71-43-2		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
3		toluene	601-021-00-3	203-625-9	108-88-3		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
4		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		125.9 mg/kg	1.462	159.454 mg/kg	0.0159 %	✓	
6		asbestos	650-013-00-6	- - - - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
7		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.1 mg/kg		2.686 mg/kg	0.000269 %	✓	
8		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	0.2 mg/kg		0.173 mg/kg	0.0000173 %	✓	
9		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		3 mg/kg	1.252	3.254 mg/kg	0.000325 %	✓	
10		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9 mg/kg		7.799 mg/kg	0.00078 %	✓	
11		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
12		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	7.9 mg/kg		6.846 mg/kg	0.000685 %	✓	

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
13		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
14		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		14	mg/kg	1.245	15.101	mg/kg	0.00151 %	✓	
15		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
16		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18		acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
19		fluorene		201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
20		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		anthracene		204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
22		fluoranthene		205-912-4	206-44-0		0.05	mg/kg		0.0433	mg/kg	0.00000433 %	✓	
23		pyrene		204-927-3	129-00-0		0.05	mg/kg		0.0433	mg/kg	0.00000433 %	✓	
24		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
25		chrysene	601-048-00-0	205-923-4	218-01-9		0.03	mg/kg		0.026	mg/kg	0.0000026 %	✓	
26		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
28		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
29		benzo[ghi]perylene		205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
30		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
31		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
32		pH			PH		7.75	pH		7.75	pH	7.75 pH		
33		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
											Total:	0.0209 %		

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: BH9

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

Sample details

Sample name:
BH9
Sample Depth:
0.40-0.50 m
Moisture content:
3.8%
(dry 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: 3.8% Dry Weight Moisture Correction applied (MC)

#		Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.002 µg/kg		<2.0e-06 mg/kg	<2.0e-10 %		<LOD
2		benzene	601-020-00-8	200-753-7	71-43-2		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
3		toluene	601-021-00-3	203-625-9	108-88-3		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
4		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		51 mg/kg	1.462	71.811 mg/kg	0.00718 %	✓	
6		asbestos	650-013-00-6	- - - - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
7		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.9 mg/kg		3.757 mg/kg	0.000376 %	✓	
8		cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
9		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		4 mg/kg	1.252	4.824 mg/kg	0.000482 %	✓	
10		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
11		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
12		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	6 mg/kg		5.78 mg/kg	0.000578 %	✓	

#		Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number / EC Number / CAS Number							
13		selenium { selenium }		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
		034-001-00-2 / 231-957-4 / 7782-49-2							
14		zinc { zinc oxide }		17 mg/kg	1.245	20.385 mg/kg	0.00204 %	✓	
		030-013-00-7 / 215-222-5 / 1314-13-2							
15		chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
		024-001-00-0 / 215-607-8 / 1333-82-0							
16		naphthalene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		601-052-00-2 / 202-049-5 / 91-20-3							
17		acenaphthylene		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
		205-917-1 / 208-96-8							
18		acenaphthene		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6 / 83-32-9							
19		fluorene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		201-695-5 / 86-73-7							
20		phenanthrene		0.06 mg/kg		0.0578 mg/kg	0.00000578 %	✓	
		201-581-5 / 85-01-8							
21		anthracene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		204-371-1 / 120-12-7							
22		fluoranthene		0.17 mg/kg		0.164 mg/kg	0.0000164 %	✓	
		205-912-4 / 206-44-0							
23		pyrene		0.13 mg/kg		0.125 mg/kg	0.0000125 %	✓	
		204-927-3 / 129-00-0							
24		benzo[a]anthracene		0.12 mg/kg		0.116 mg/kg	0.0000116 %	✓	
		601-033-00-9 / 200-280-6 / 56-55-3							
25		chrysene		0.09 mg/kg		0.0867 mg/kg	0.00000867 %	✓	
		601-048-00-0 / 205-923-4 / 218-01-9							
26		benzo[a]pyrene; benzo[def]chrysene		0.08 mg/kg		0.0771 mg/kg	0.00000771 %	✓	
		601-032-00-3 / 200-028-5 / 50-32-8							
27		indeno[123-cd]pyrene		0.07 mg/kg		0.0674 mg/kg	0.00000674 %	✓	
		205-893-2 / 193-39-5							
28		dibenz[a,h]anthracene		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
		601-041-00-2 / 200-181-8 / 53-70-3							
29		benzo[ghi]perylene		0.06 mg/kg		0.0578 mg/kg	0.00000578 %	✓	
		205-883-8 / 191-24-2							
30		benzo[b]fluoranthene		0.13 mg/kg		0.125 mg/kg	0.0000125 %	✓	
		601-034-00-4 / 205-911-9 / 205-99-2							
31		benzo[k]fluoranthene		0.05 mg/kg		0.0482 mg/kg	0.00000482 %	✓	
		601-036-00-5 / 205-916-6 / 207-08-9							
32		pH		9.12 pH		9.12 pH	9.12 pH		
		PH							
33		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
		006-007-00-5							
						Total:	0.0125 %		

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

Appendix A: Classifier defined and non CLP determinands

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

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

arsenic (EC Number: 231-148-6, CAS Number: 7440-38-2)

CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex

CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

lead compounds with the exception of those specified elsewhere in this Annex (worst case)

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: 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

pH (CAS Number: PH)

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

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

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

dichlorodifluoromethane (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 3 H412 , Ozone 1 H420 , Press. Gas H280

trichlorofluoromethane (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H312 , Ozone 1 H420

2,2-dichloropropane (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H332 , Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Acute Tox. 4 H312 , Eye Irrit. 2 H319

bromochloromethane (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H312 , Skin Corr. 1B H314 , Eye Dam. 1 H318 , Acute Tox. 4 H332 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Ozone 1 H420

bromodichloromethane (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Dam. 1 H318 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Muta. 1B H340 , Carc. 1B H350 , Repr. 1A H360

trans-1,3-dichloropropene (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Acute Tox. 3 H301 , Asp. Tox. 1 H304 , Acute Tox. 3 H311 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Irrit. 2 H319 , Acute Tox. 4 H332 , STOT SE 3 H335 , Aquatic Chronic 1 H410

1,3-dichloropropane (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H332 , Flam. Liq. 2 H225 , Flam. Liq. 3 H226 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335

dibromochloromethane (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 4 H312 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Acute Tox. 4 H332 , STOT SE 3 H335 , STOT SE 3 H336 , Muta. 2 H341 , Aquatic Chronic 2 H411

1,1,1,2-tetrachloroethane (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , Acute Tox. 3 H331 , Eye Dam. 1 H318 , Acute Tox. 4 H332 , Carc. 2 H351 , Acute Tox. 4 H312 , Aquatic Chronic 3 H412 , Skin Irrit. 2 H315

tert-butylbenzene (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Acute Tox. 3 H331 , Acute Tox. 4 H332 , STOT SE 3 H335 , Asp. Tox. 1 H304 , Aquatic Chronic 2 H411

sec-butylbenzene (EC Number: 205-227-0, CAS Number: 135-98-8)

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

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

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

n-butylbenzene (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Flam. Liq. 3 H226 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

hexachlorobutadiene (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 2 H310 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Irrit. 2 H319 , Acute Tox. 2 H330 , Carc. 2 H351 , Repr. 2 H361 , STOT SE 2 H371 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

1,2,3-trichlorobenzene (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , STOT SE 3 H336 , Aquatic Acute 1 H400 , Aquatic Chronic 3 H410

carbazole (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Muta. 2 H341 , Carc. 2 H351 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Acute Tox. 3 H331 , Acute Tox. 3 H311 , Acute Tox. 3 H301

2-nitrophenol (EC Number: 201-857-5, CAS Number: 88-75-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 4 H312 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Acute Tox. 4 H332 , STOT SE 3 H335 , STOT RE 2 H373 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

2-chloronaphthalene (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

2-methyl naphthalene (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , STOT SE 3 H336 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

di-n-octyl phthalate (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Repr. 2 H361 , Skin Sens. 1 H317 , Resp. Sens. 1 H334 , Eye Irrit. 2 H319 , Aquatic Chronic 4 H413

diethyl phthalate (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2 H315 , Acute Tox. 3 H331 , Acute Tox. 3 H311 , STOT SE 3 H335 , STOT RE 2 H373 , Repr. 2 H361 , Acute Tox. 4 H302 , STOT SE 3 H336 , Skin Sens. 1 H317 , Aquatic Chronic 1 H410

dimethyl phthalate (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , Acute Tox. 3 H331 , STOT SE 3 H335 , STOT SE 3 H336 , Repr. 2 H361 , Aquatic Chronic 3 H412

4-bromophenylphenylether (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Dam. 1 H318 , Eye Irrit. 2 H319 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

4-chlorophenylphenylether (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Dam. 1 H318 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

bis(2-chloroethoxy)methane (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 4 H312 , Acute Tox. 1 H330 , Acute Tox. 2 H330 , STOT SE 1 H370 , STOT RE 2 H373

dibenzofuran (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 4 H312 , Acute Tox. 4 H332 , Aquatic Chronic 2 H411

hexachloroethane (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Carc. 2 H351 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , STOT RE 2 H373

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

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

coronene (EC Number: 205-881-7, CAS Number: 191-07-1)

Description/Comments: Data from C&L Inventory Database; no entries in Registered Substances or Pesticides Properties databases; SDS: Sigma Aldrich, 1907/2006 compliant, dated 2012 - no entries; IARC – Group 3, not carcinogenic.
Data source: http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=17010&HarmOnly=no?fc=true&lang=en
Data source date: 16 Jun 2014
Hazard Statements: STOT SE 2 H371

Appendix B: Rationale for selection of metal species

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

.

arsenic {arsenic}

.

cadmium {cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex}

.

copper {copper(II) oxide}

.

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

.

mercury {mercury}

.

nickel {nickel}

.

selenium {selenium}

.

zinc {zinc oxide}

.

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

.

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}

.

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.222.4848.9214 (10 Aug 2021)
HazWasteOnline Database: 2021.222.4848.9214 (10 Aug 2021)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of 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 2019 - UK: 2019 No. 720 of 27th March 2019
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
POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

APPENDIX H

Laboratory Results - Geotechnical

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

0998

Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

Client:

Environmental Protection Strategies Ltd
Unit 7
Caxton House
Broad Street
Great Cambourne
Cambridge
CB23 6JN

Soil Property Testing Ltd

15, 16, 18 Halcyon Court, St Margaret's Way, Stukeley Meadows, Huntingdon, Cambridgeshire, PE29 6DG

Tel: 01480 455579
Email: enquiries@soilpropertytesting.com
Website: www.soilpropertytesting.com

Samples Submitted By:

Environmental Protection Strategies Ltd

Samples Labelled:

UK20.5052F - Pfizer, Havant

Approved Signatories:

☑ **J.C. Garner B.Eng (Hons) FGS**
Technical Director & Quality Manager

☐ **W. Johnstone**
Materials Lab Manager

☐ **D. Sabnis**
Operations Manager

Date Received: 10/08/2021

Samples Tested Between: 10/08/2021 **and** 01/09/2021

Remarks:

For the attention of James Bowley
Your Reference No: UK20.5052F
Your Order No: 27091

Notes:

1. All remaining samples or remnants from this contract will be disposed of after 21 days from today, unless we are notified to the contrary.
2. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.
3. Tests marked "NOT UKAS ACCREDITED" in this test report are not included in the UKAS Accreditation Schedule for this testing laboratory.
4. This test report may not be reproduced other than in full except with the prior written approval of the issuing laboratory.
5. The results within this report only relate to the items tested or sampled.

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

0998

Contract	**UK20.5052F - Pfizer, Havant**		
Serial No.	**39184_1**	**Target Date**	01/09/2021
Scheduled By	Environmental Protection Strategies Ltd		

Schedule Remarks

Bore Hole No.	Type	Sample Ref.	Top Depth	Water Content (BSEN)	Liquid/Plastic Limits	Wet Sieve Preparation	Particle Size Distribution (BS1377)	California Bearing Ratio Test	Dry Density/MC 2.5kg	Sulphate Content/pH Value												Sample Remarks
BH7	D	2	1.20	1	1	1																
BH7	B	6	3.50				1															
BH7	B	11	7.00	1	1																	
BH7	D	15	10.50				1															
BH9	B	4	2.50				1															
BH9	D	8	6.00	1	1	1																
BH9	D	13	9.50				1															
BH9	D	16	12.00	1	1																	
TP03	B	-	1.10					1	1													
TP03	D	-	1.70				1															
TP05	D	-	0.90	1	1																	
TP06	B	-	0.50					1	1													
TP06	D	-	1.10							1												
TP07	D	-	1.10	1	1	1																
TP07	D	-	2.15							1												
TP08	B	-	0.30					1	1													
TP10	B	-	0.50					1	1													
TP10	D	-	2.00				1															
TP21	B	-	0.80					1	1													
TP23	D	-	1.00				1															
TP24	B	-	0.30					1	1													
TP25	B	-	0.30					1	1													
TP28	D	-	0.40				1															
Totals				**6**	**6**	**3**	**8**	**7**	**7**	**2**												**End of Schedule**

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

SUMMARY OF WATER CONTENT, LIQUID LIMIT, PLASTIC LIMIT, PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole /Pit No.	Depth (m)	Type	Ref.	Water Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasti-city Index (%)	Liquid-ity Index	Sample Preparation				Description	Class
									Method	Ret'd 0.425mm (%)	Corr'd W/C <0.425mm	Curing Time (hrs)		
BH7	1.20 - 1.65	D	2	**11.2**	39	19	20	-0.39	Wet Sieved	53 (M)	23.9*	95	Very stiff yellowish brown slightly sandy gravelly silty CLAY with occasional light orangish brown mottling. Gravel is white and grey fine to coarse angular to subrounded chert	CI
BH7	7.00 - 7.50	B	11	**23.8**	36	15	21	0.42	From Natural	4 (A)		93	Soft brownish yellow slightly sandy slightly gravelly silty CLAY with occasional reddish yellow mottling. Gravel is white, grey and brown fine and medium angular to subrounded chert	CI
BH9	6.00 - 6.10	D	8	**17.7**	32	15	17	0.16	Wet Sieved	18 (M)	21.5*	93	Firm locally stiff yellowish brown slightly gravelly sandy silty CLAY with occasional brownish yellow mottling. Gravel is white, grey and brown fine to coarse angular to subrounded chert	CL
BH9	12.00 - 12.45	D	16	**31.3**	28	19	9	1.37	From Natural	<1% (A)		188	Very soft light yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling and rare fine gravel	CL
TP05	0.90 - 1.10	D	-	**21.7**	48	20	28	0.06	From Natural	<1% (A)		93	Stiff dark yellowish brown silty CLAY with rare medium and coarse gravel	CI
TP07	1.10 - 1.20	D	-	**20.3**	42	20	22	0.01	Wet Sieved	20 (M)	25.4*	95	Stiff dark yellowish brown slightly sandy slightly gravelly silty CLAY. Gravel is white and grey medium and coarse chert	CI

Method Of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2:1990:4.2
Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2:1990:3.2, 4.4, 5.3, 5.4
Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments: *Corrected water content assume material greater than 0.425mm is non-porous. See BS1377: Part 2: 1990 Clause 3 Note 1.

Table Notation: Ret'd 0.425mm: (A) = Assumed, (M) = Measured

TEST REPORT

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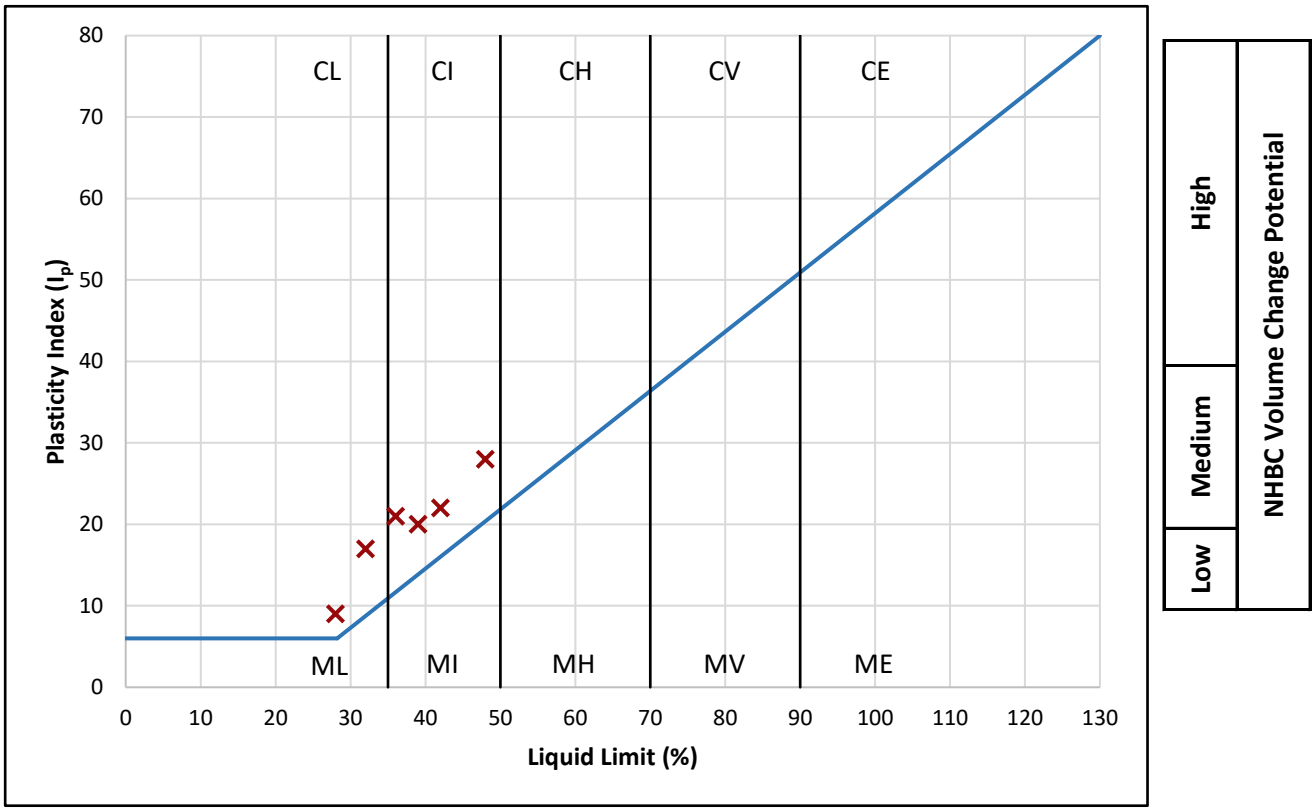
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

PLOT OF PLASTICITY INDEX AGAINST LIQUID LIMIT USING CASAGRANDE CLASSIFICATION CHART

Plasticity				
Low	Medium	High	Very High	Extremely High



Plasticity Chart BS5930: 2015: Figure 8

Method of Preparation:	BS 1377: Part 2: 1990: 4.2
Method of Test:	BS1377: Part 2: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index

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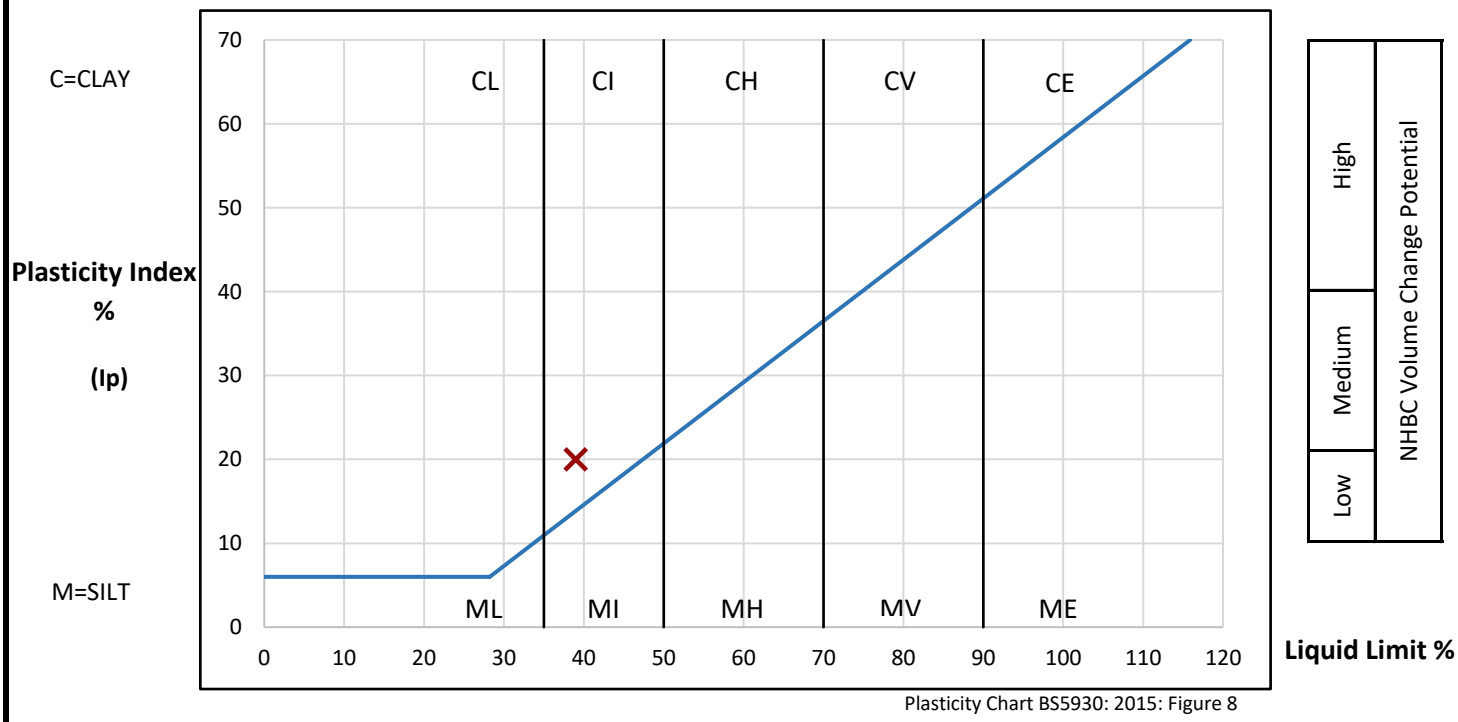
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample Type	Sample Reference	Water Content (W) %	Description	Remarks
BH7	1.20 - 1.65	D	2	11.2	Very stiff yellowish brown slightly sandy gravelly silty CLAY with occasional light orangish brown mottling. Gravel is white and grey fine to coarse angular to subrounded chert	

PREPARATION			Liquid Limit	39 %
Method of preparation	Wet sieved over 0.425mm sieve		Plastic Limit	19 %
Sample retained 0.425mm sieve	(Measured)	53 %	Plasticity Index	20 %
Corrected water content for material passing 0.425mm		23.9 %	Liquidity Index	-0.39
Sample retained 2mm sieve	(Measured)	51 %	NHBC Modified (I'p)	9 %
Curing time	95 hrs	Clay Content Not analysed	Derived Activity	Not analysed



Plasticity Chart BS5930: 2015: Figure 8

Method of Preparation:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
Method of Test:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:	Corrected water content assume material greater than 0.425mm non-porous. See BS1377: Part2: 1990 Clause 3 Note 1 Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index Note: Modified Plasticity Index I'p = Ip x (% less than 425microns/100)

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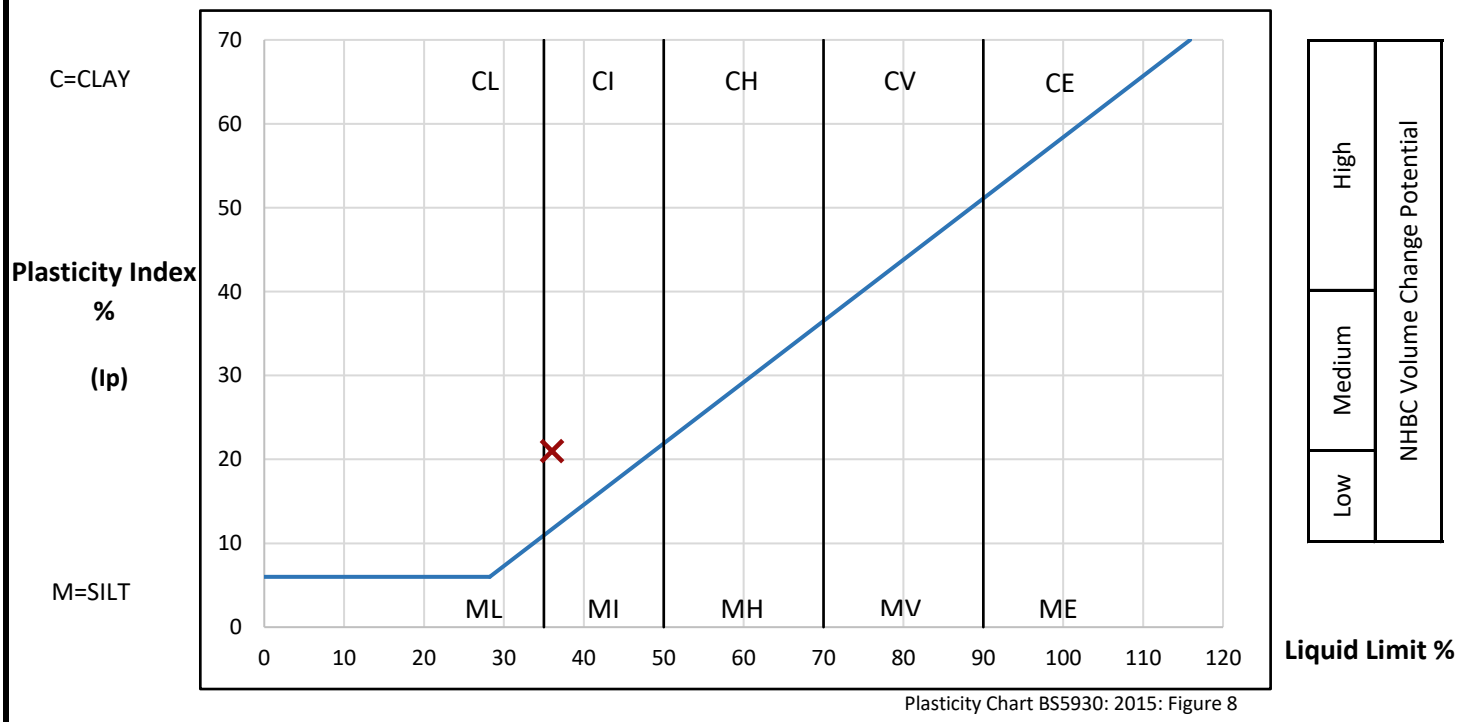
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample Type	Sample Reference	Water Content (W) %	Description	Remarks
BH7	7.00 - 7.50	B	11	23.8	Soft brownish yellow slightly sandy slightly gravelly silty CLAY with occasional reddish yellow mottling. Gravel is white, grey and brown fine and medium angular to subrounded chert	

PREPARATION				Liquid Limit	36 %
Method of preparation	From natural/gravel picked out by hand			Plastic Limit	15 %
Sample retained 0.425mm sieve	(Approximate)	4 %		Plasticity Index	21 %
Corrected water content for material passing 0.425mm				Liquidity Index	0.42
Sample retained 2mm sieve	(Approximate)	4 %		NHBC Modified (I'p)	n/a
Curing time	93 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Plasticity Chart BS5930: 2015: Figure 8

Method of Preparation:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
Method of Test:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:	

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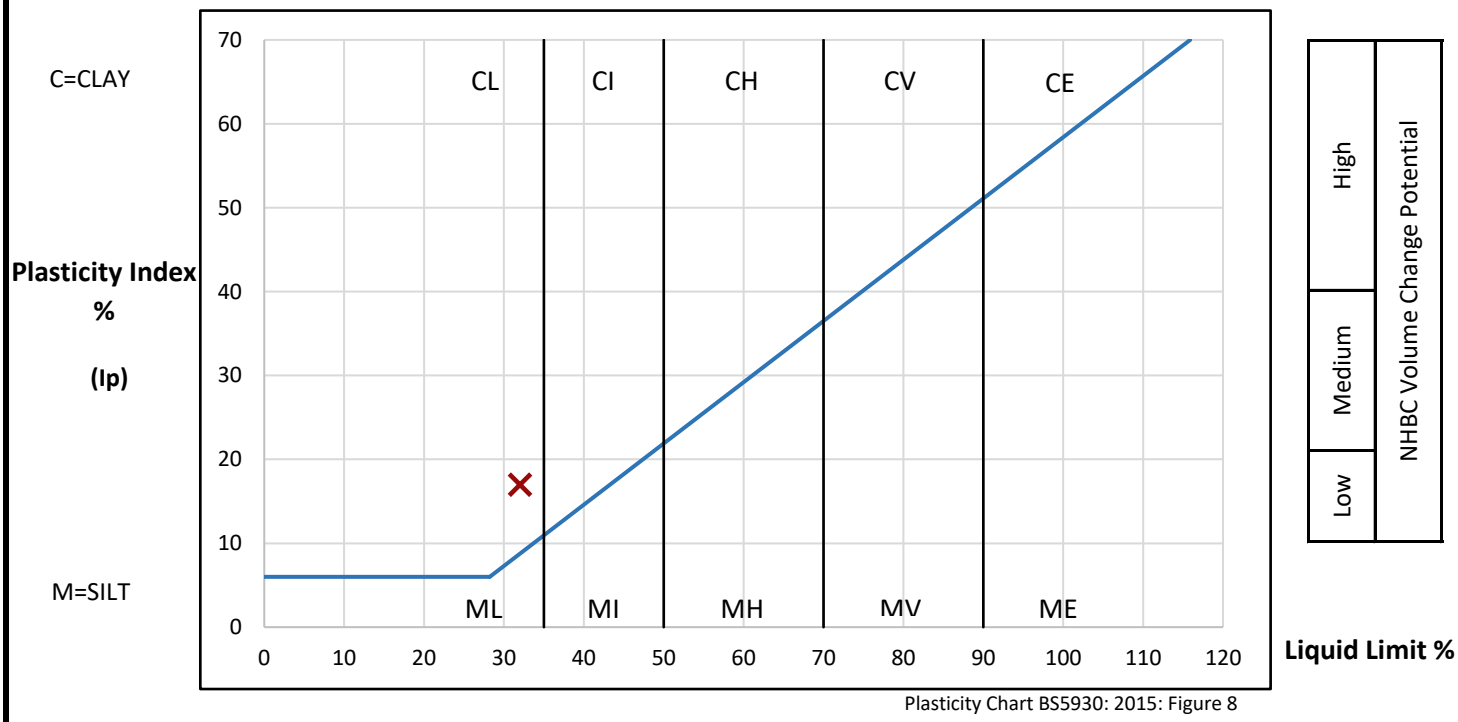
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample Type	Sample Reference	Water Content (W) %	Description	Remarks
BH9	6.00 - 6.10	D	8	17.7	Firm locally stiff yellowish brown slightly gravelly sandy silty CLAY with occasional brownish yellow mottling. Gravel is white, grey and brown fine to coarse angular to subrounded chert	

PREPARATION				Liquid Limit	32 %
Method of preparation	Wet sieved over 0.425mm sieve			Plastic Limit	15 %
Sample retained 0.425mm sieve	(Measured)	18 %		Plasticity Index	17 %
Corrected water content for material passing 0.425mm		21.5 %		Liquidity Index	0.16
Sample retained 2mm sieve	(Measured)	16 %		NHBC Modified (I'p)	14 %
Curing time	93 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Plasticity Chart BS5930: 2015: Figure 8

Method of Preparation:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
Method of Test:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:	Corrected water content assume material greater than 0.425mm non-porous. See BS1377: Part2: 1990 Clause 3 Note 1 Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index Note: Modified Plasticity Index I'p = Ip x (% less than 425microns/100)

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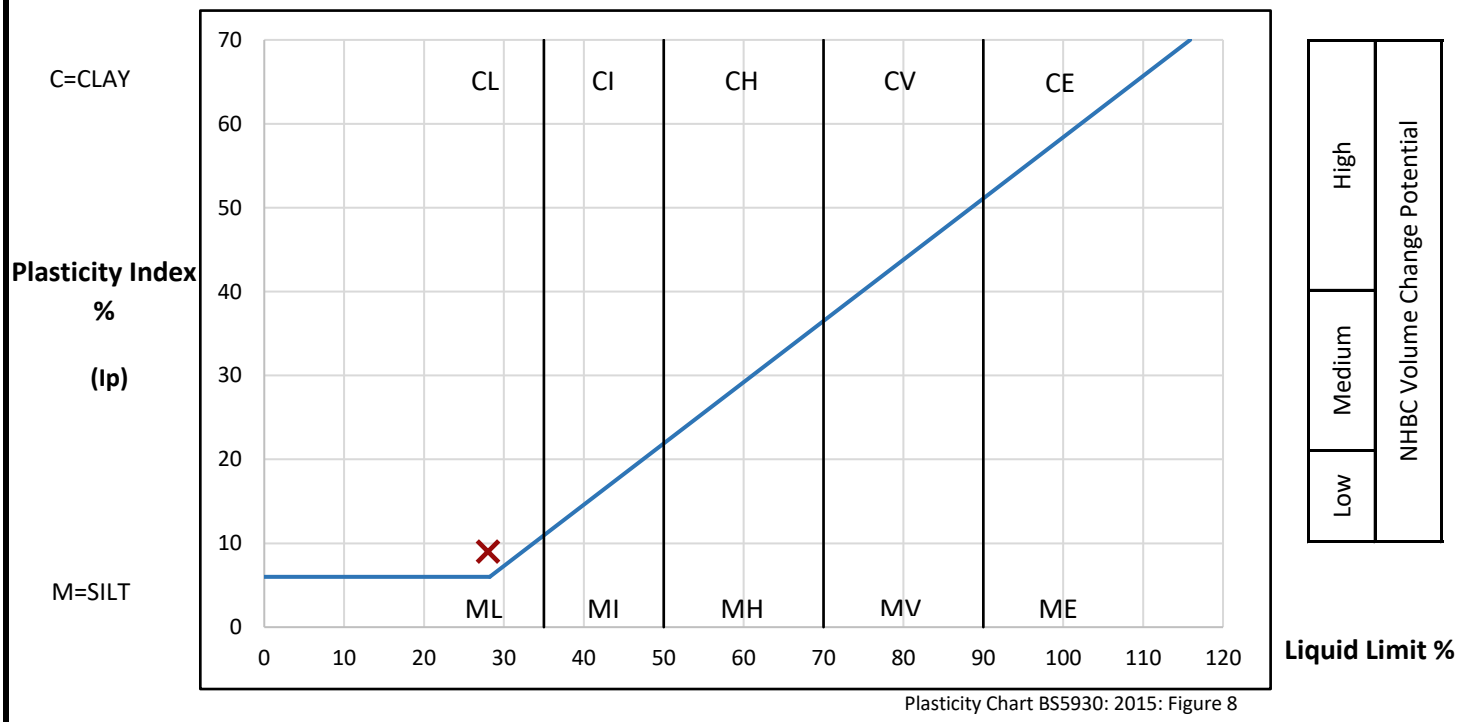
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample Type	Sample Reference	Water Content (W) %	Description	Remarks
BH9	12.00 - 12.45	D	16	31.3	Very soft light yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling and rare fine gravel	

PREPARATION				Liquid Limit	28 %
Method of preparation	From natural/gravel picked out by hand			Plastic Limit	19 %
Sample retained 0.425mm sieve	(Assumed)	0 %		Plasticity Index	9 %
Corrected water content for material passing 0.425mm				Liquidity Index	1.37
Sample retained 2mm sieve	(Assumed)	<1 %		NHBC Modified (I'p)	n/a
Curing time	188 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Plasticity Chart BS5930: 2015: Figure 8

Method of Preparation:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
Method of Test:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:	

TEST REPORT

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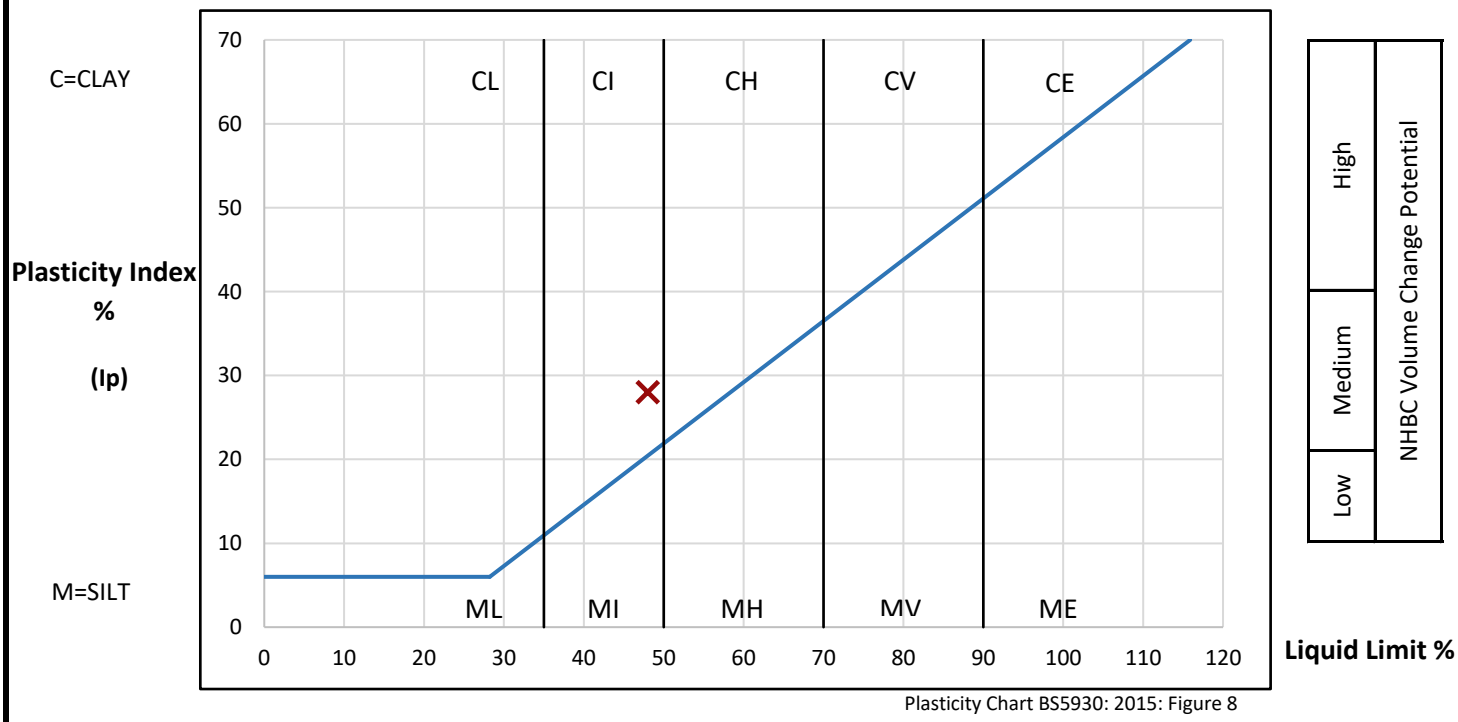
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample Type	Sample Reference	Water Content (W) %	Description	Remarks
TP05	0.90 - 1.10	D	-	21.7	Stiff dark yellowish brown silty CLAY with rare medium and coarse gravel	

PREPARATION				Liquid Limit	48 %
Method of preparation	From natural/gravel picked out by hand			Plastic Limit	20 %
Sample retained 0.425mm sieve	(Assumed)	%		Plasticity Index	28 %
Corrected water content for material passing 0.425mm				Liquidity Index	0.06
Sample retained 2mm sieve	(Approximate)	<1 %		NHBC Modified (I'p)	n/a
Curing time	93 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Plasticity Chart BS5930: 2015: Figure 8

Method of Preparation:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
Method of Test:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:	

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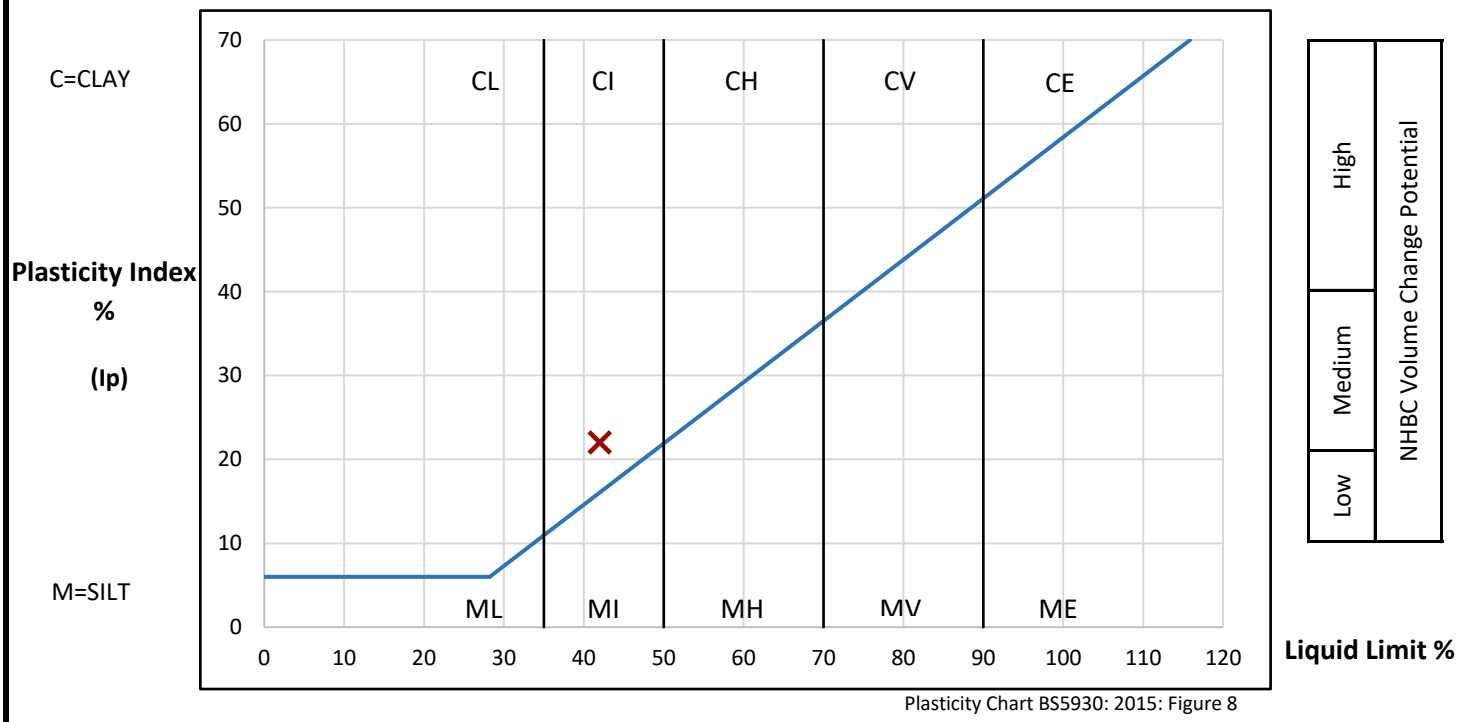
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample Type	Sample Reference	Water Content (W) %	Description	Remarks
TP07	1.10 - 1.20	D	-	20.3	Stiff dark yellowish brown slightly sandy slightly gravelly silty CLAY. Gravel is white and grey medium and coarse chert	

PREPARATION			Liquid Limit	42 %
Method of preparation	Wet sieved over 0.425mm sieve		Plastic Limit	20 %
Sample retained 0.425mm sieve	(Measured)	20 %	Plasticity Index	22 %
Corrected water content for material passing 0.425mm		25.4 %	Liquidity Index	0.01
Sample retained 2mm sieve	(Measured)	19 %	NHBC Modified (I'p)	18 %
Curing time	95 hrs	Clay Content Not analysed	Derived Activity	Not analysed



Plasticity Chart BS5930: 2015: Figure 8

Method of Preparation:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
Method of Test:	BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:	Corrected water content assume material greater than 0.425mm non-porous. See BS1377: Part2: 1990 Clause 3 Note 1 Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index Note: Modified Plasticity Index I'p = Ip x (% less than 425microns/100)

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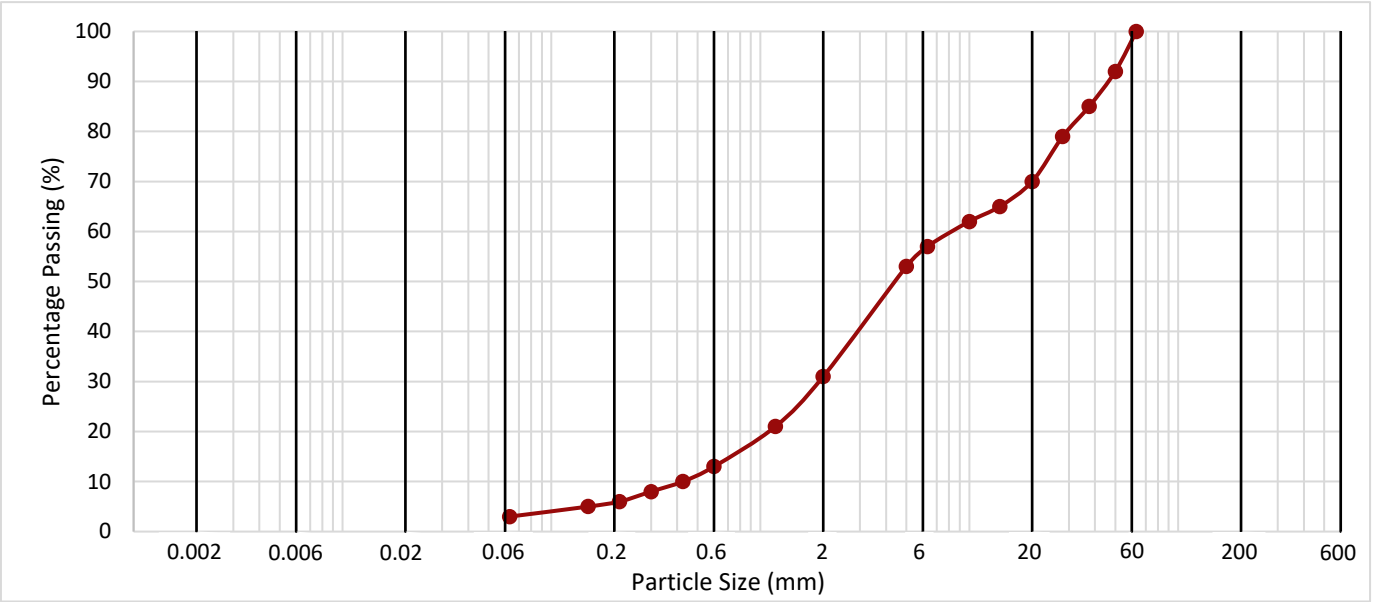
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
BH7	3.50 - 4.00	B	6	Brown, black and white slightly clayey slightly silty very sandy angular to rounded chert GRAVEL. Sand is brown	Dry mass of sample required 15kg. Mass of sample submitted 14.44kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test:	Wet Sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	**Silt by Dry Mass (%)**
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	**Sand By Dry Mass (%)**
2.00	31	**28**
1.18	21	
0.600	13	
0.425	10	
0.300	8	
0.212	6	
0.150	5	
0.063	3	

Fines By Dry Mass (%)	
<0.063mm	**3**

Sieve Size (mm)	Passing (%)	**2mm+ By Dry Mass (%)**
300		**69**
125		
90		
63	100	
50	92	
37.5	85	
28	79	
20	70	
14	65	
10	62	
6.3	57	
5	53	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

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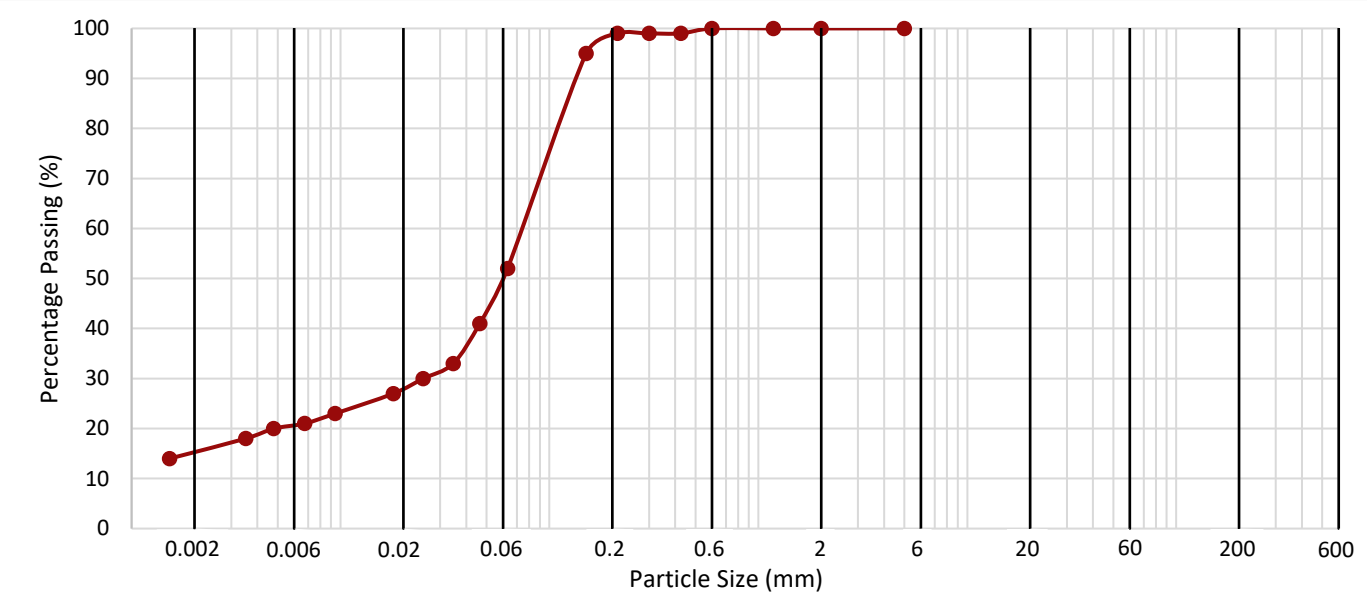
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
BH7	10.50 - 10.60	D	15	Yellowish brown sandy CLAY/SILT with occasional grey and dark grey mottling	

Method of Test:	Hydrometer + Pre-sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	0.0464	41	37
	0.0346	33	
	0.0249	30	
	0.0179	27	Clay by Dry Mass (%)
	0.0094	23	
	0.0067	21	
	0.0048	20	15
	0.0035	18	
	0.0015	14	

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	100	48
1.18	100	
0.600	100	
0.425	99	
0.300	99	
0.212	99	
0.150	95	
0.063	52	

Fines By Dry Mass (%)	
<0.063mm	52

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		0
125		
90		
63		
50		
37.5		
28		
20		
14		
10		
6.3		
5	100	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2,9.5
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

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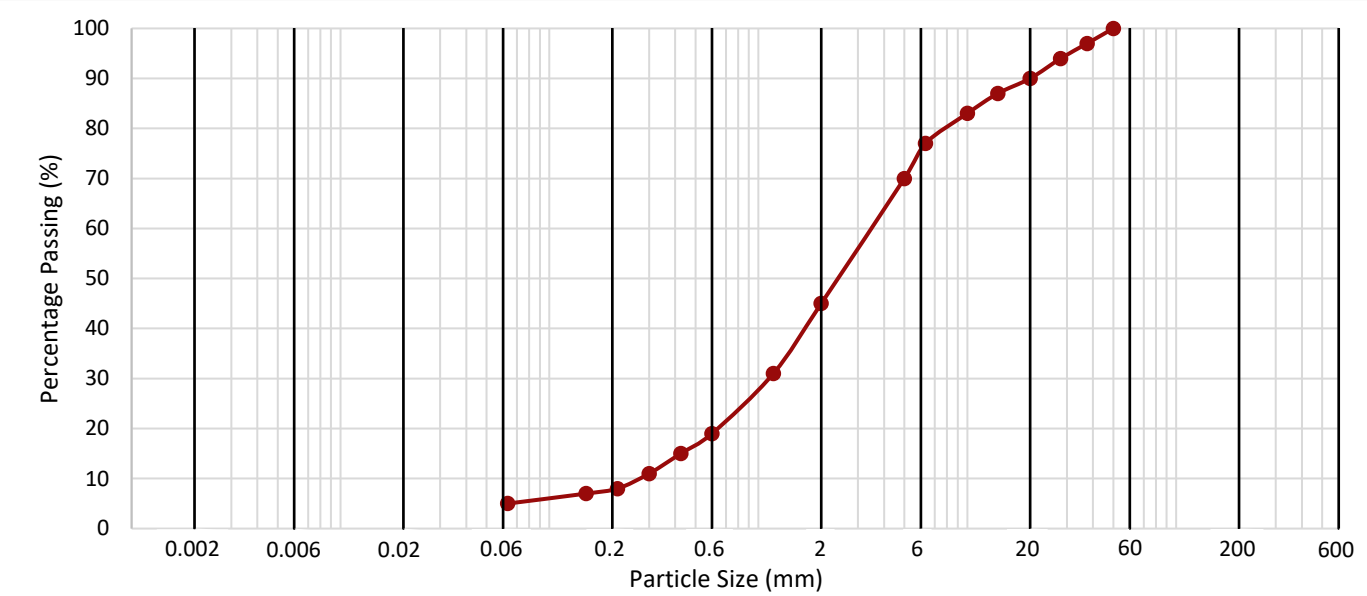
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
BH9	2.50 - 3.00	B	4	Brown, white and black slightly silty very sandy angular to rounded chert GRAVEL. Sand is yellowish brown	

Method of Test:	Wet Sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)	Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	45	40
1.18	31	
0.600	19	
0.425	15	
0.300	11	
0.212	8	
0.150	7	
0.063	5	

Fines By Dry Mass (%)	
<0.063mm	5

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		55
125		
90		
63		
50	100	
37.5	97	
28	94	
20	90	
14	87	
10	83	
6.3	77	
5	70	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

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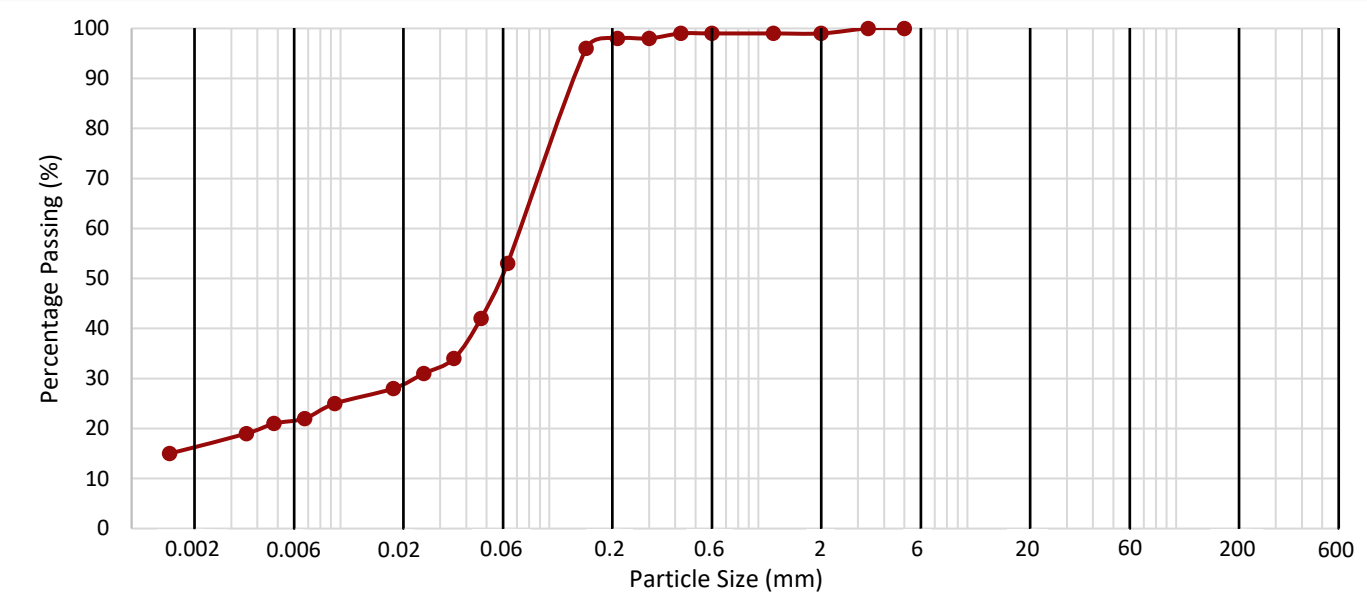
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
BH9	9.50 - 9.95	D	13	Yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling	

Method of Test:	Hydrometer + Pre-sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	0.0470	42	37
	0.0349	34	
	0.0250	31	
	0.0179	28	Clay by Dry Mass (%)
	0.0094	25	
	0.0067	22	
	0.0048	21	16
	0.0036	19	
	0.0015	15	

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	99	46
1.18	99	
0.600	99	
0.425	99	
0.300	98	
0.212	98	
0.150	96	
0.063	53	

Fines By Dry Mass (%)	
<0.063mm	53

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		1
125		
90		
63		
50		
37.5		
28		
20		
14		
10		
6.3		
5	100	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2,9.5
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

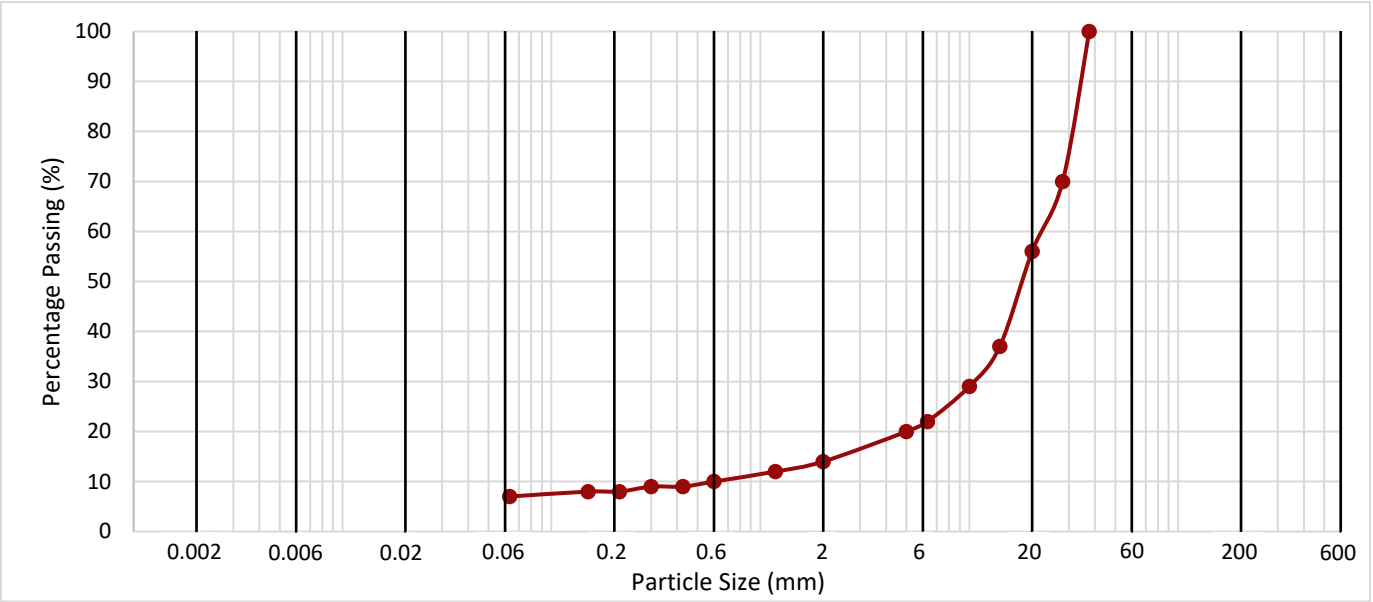
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP03	1.70	D	-	Brown, black and white clayey sandy angular to rounded chert GRAVEL with occasional concrete fragments. Sand is brown	Dry mass of sample required 6kg. Mass of sample submitted 1.352kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test:	Wet Sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	**Silt by Dry Mass (%)**
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	**Sand By Dry Mass (%)**
2.00	14	**7**
1.18	12	
0.600	10	
0.425	9	
0.300	9	
0.212	8	
0.150	8	
0.063	7	

Fines By Dry Mass (%)	
<0.063mm	**7**

Sieve Size (mm)	Passing (%)	**2mm+ By Dry Mass (%)**
300		**86**
125		
90		
63		
50		
37.5	100	
28	70	
20	56	
14	37	
10	29	
6.3	22	
5	20	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

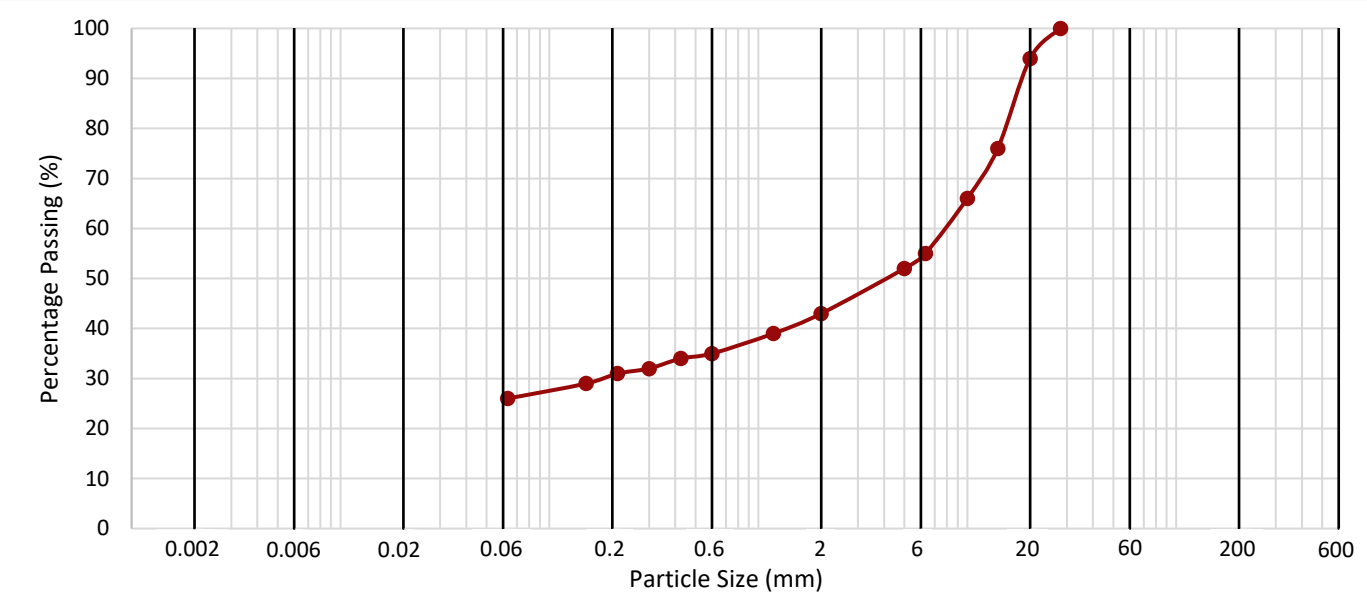
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP10	2.00	D	-	Brown, black and white angular to subrounded chert GRAVEL in a firm brown sandy clay matrix	

Method of Test:	Wet Sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	43	17
1.18	39	
0.600	35	
0.425	34	
0.300	32	
0.212	31	
0.150	29	
0.063	26	

Fines By Dry Mass (%)	
<0.063mm	26

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		57
125		
90		
63		
50		
37.5		
28	100	
20	94	
14	76	
10	66	
6.3	55	
5	52	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

TEST REPORT

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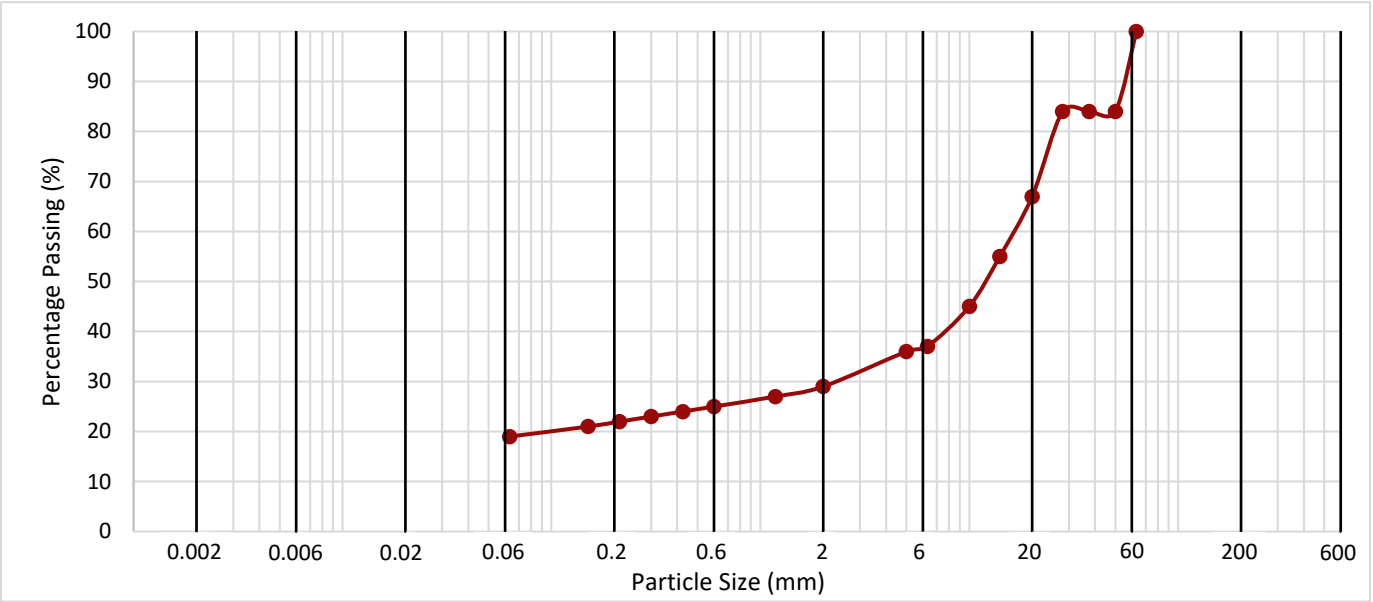
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP23	1.00 - 1.20	D	-	Brown, black and white angular to subrounded chert GRAVEL in a firm brown sandy clay matrix	Dry mass of sample required 35kg. Mass of sample submitted 1.046kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test:	Wet Sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	**Silt by Dry Mass (%)**
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	**Sand By Dry Mass (%)**
2.00	29	**10**
1.18	27	
0.600	25	
0.425	24	
0.300	23	
0.212	22	
0.150	21	
0.063	19	

Fines By Dry Mass (%)	
<0.063mm	**19**

Sieve Size (mm)	Passing (%)	**2mm+ By Dry Mass (%)**
300		**71**
125		
90		
63	100	
50	84	
37.5	84	
28	84	
20	67	
14	55	
10	45	
6.3	37	
5	36	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

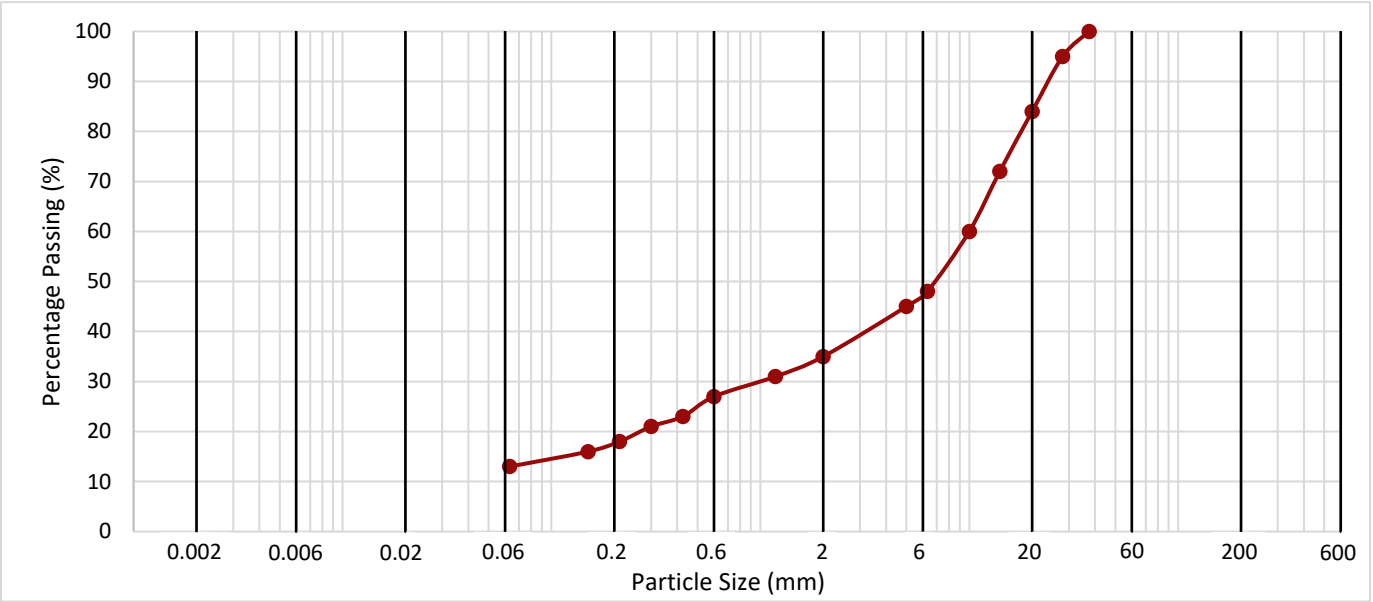
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP28	0.40	D	-	Brown, black and white clayey very sandy angular to subrounded chert and light grey angular limestone GRAVEL. Sand is brown	Dry mass of sample required 2kg. Mass of sample submitted 1.394kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test:	Wet Sieve	Method of Pretreatment:	Not required



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	**Silt by Dry Mass (%)**
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	**Sand By Dry Mass (%)**
2.00	35	**22**
1.18	31	
0.600	27	
0.425	23	
0.300	21	
0.212	18	
0.150	16	
0.063	13	

Fines By Dry Mass (%)	
<0.063mm	**13**

Sieve Size (mm)	Passing (%)	**2mm+ By Dry Mass (%)**
300		**65**
125		
90		
63		
50		
37.5	100	
28	95	
20	84	
14	72	
10	60	
6.3	48	
5	45	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
Method of test: BS1377: Part 2: 1990: 9.2
Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
Comments:

TEST REPORT

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DATE ISSUED: 01/09/2021

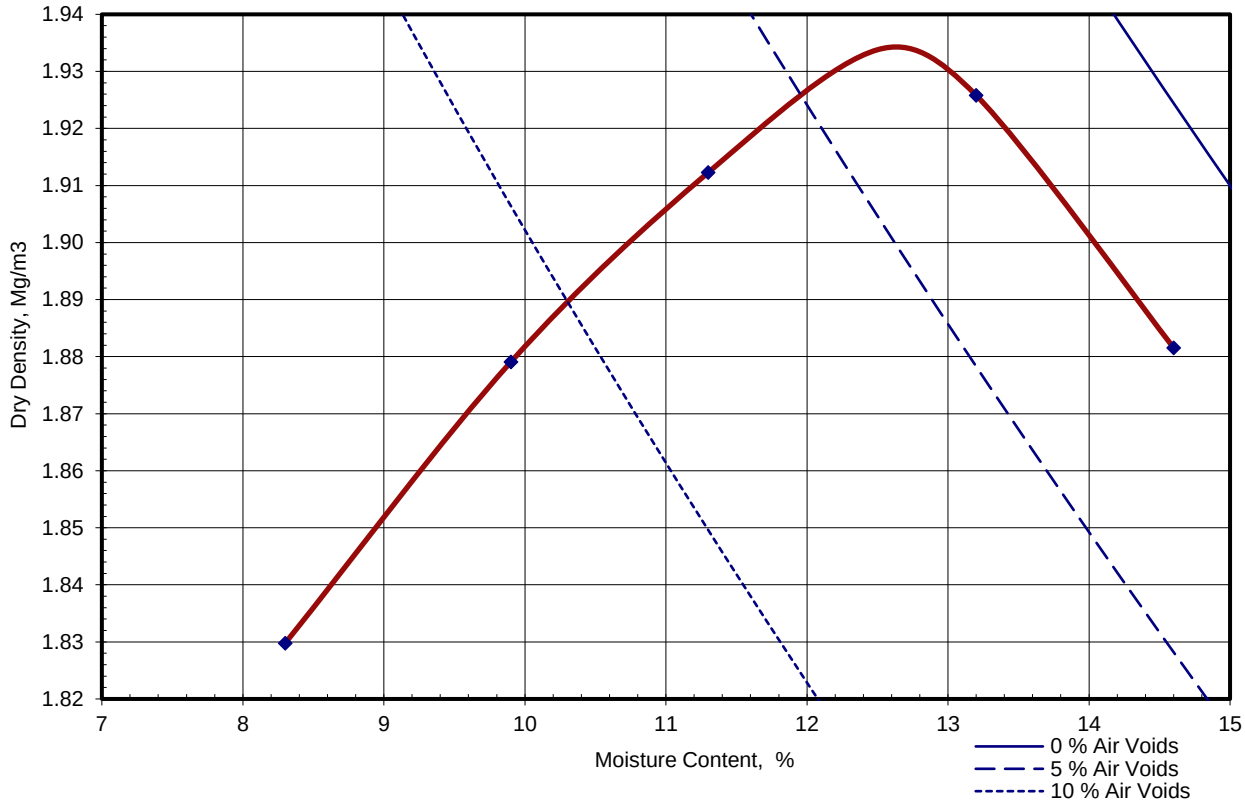
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth (m)	Sample Type	Sample Reference	Water Content (%)	Description	Remarks
TP03	1.10 - 1.40	B	-	8.3	Brown, black and white clayey very sandy angular to rounded chert GRAVEL. Sand is brown	Water content is on material passing 37.5mm sieve.

Percentage Retained 37.5mm	31 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm	55 %	Single or Separate Samples	Separate
Grading Zone	X	Particle Density (Assumed)	2.68 Mg/m³
Mould Type	CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density	**1.93 Mg/m³**	**Optimum Water Content**	**13 %**



Method of Preparation: BS1377: Part 1: 2016: 8.6

Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3

Type of Sample Key: U= Undisturbed, B = Bulk, D - Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter

Comments: Material retained on 37.5mm sieve excluded from test and replaced with material passing 37.5mm and retained 20mm sieve.

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

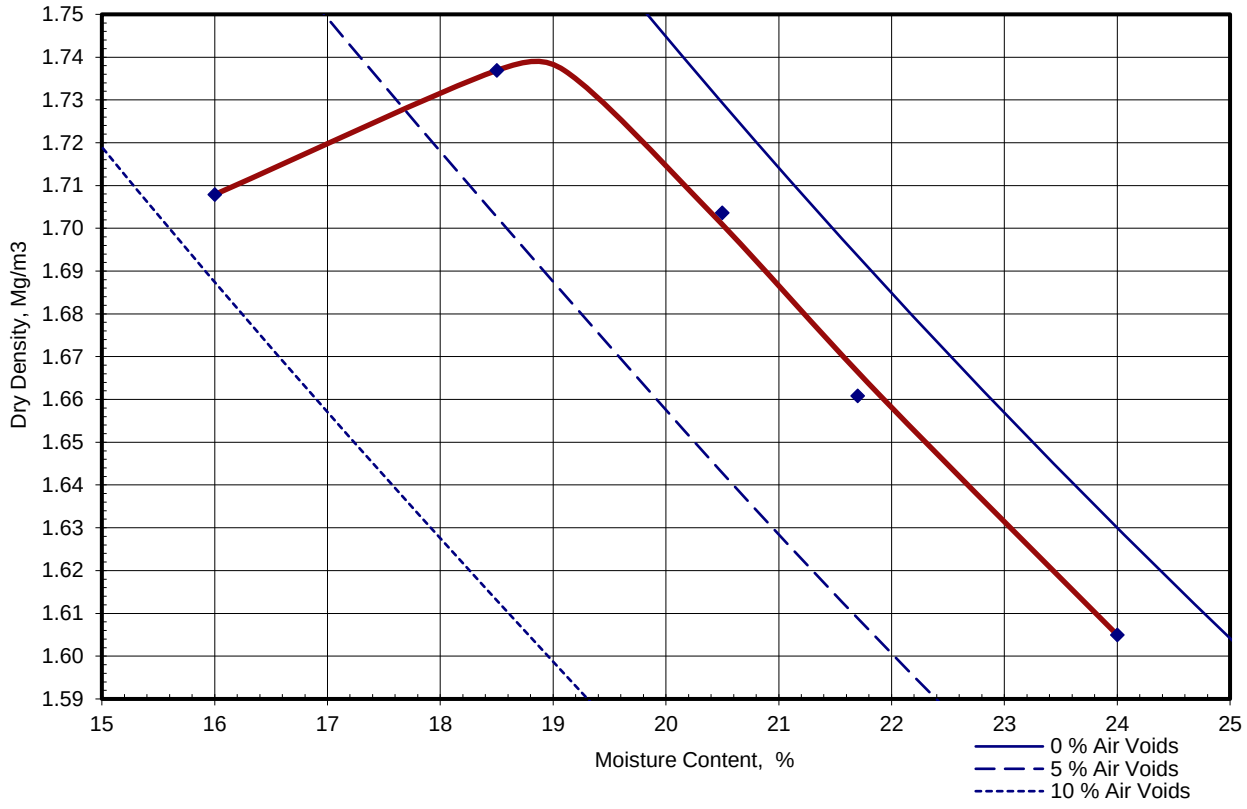
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth (m)	Sample Type	Sample Reference	Water Content (%)	Description	Remarks
TP06	0.50 - 0.90	B	-	18.5	Firm locally stiff brown slightly gravelly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert	

Percentage Retained 37.5mm	0.0 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm	1.1 %	Single or Separate Samples	Separate
Grading Zone	2	Particle Density (Assumed)	2.68 Mg/m³
Mould Type	1 Litre	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.3)
Maximum Dry Density	**1.74 Mg/m³**	**Optimum Water Content**	**19 %**



Method of Preparation: BS1377: Part 1: 2016: 8.6

Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3

Type of Sample Key: U= Undisturbed, B = Bulk, D - Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter

Comments:

TEST REPORT

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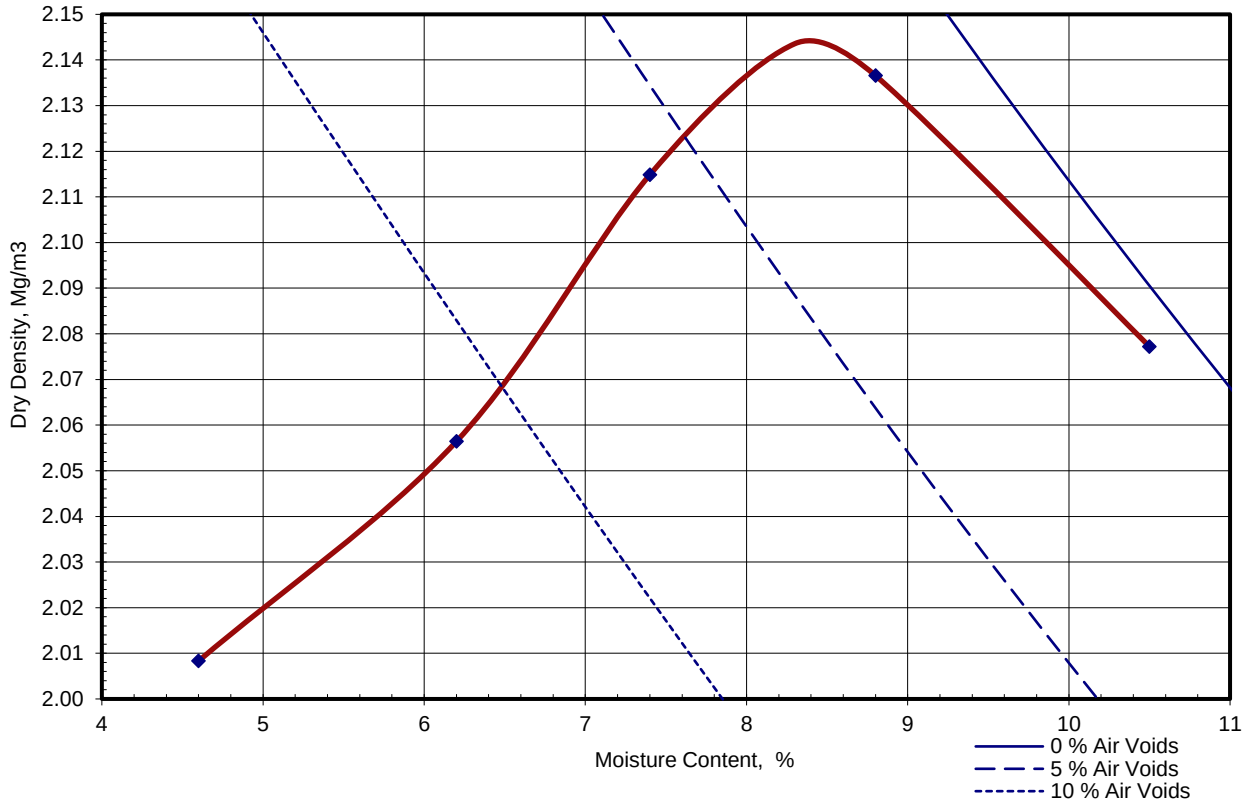
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth (m)	Sample Type	Sample Reference	Water Content (%)	Description	Remarks
TP08	0.30 - 0.60	B	-	6.2	MADE GROUND comprising crushed concrete, occasional grey angular limestone fragments, brown, black and white angular to subrounded chert, rare brick and asphalt fragments from fine to coarse gravel size in a brown slightly clayey silty fine to coarse sand matrix	Water content is on material passing 37.5mm sieve.

Percentage Retained 37.5mm	3.1 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm	27 %	Single or Separate Samples	Composite
Grading Zone	4	Particle Density (Assumed)	2.68 Mg/m³
Mould Type	CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density	**2.14 Mg/m³**	**Optimum Water Content**	**8.3 %**



Method of Preparation: BS1377: Part 1: 2016: 8.6

Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3

Type of Sample Key: U= Undisturbed, B = Bulk, D - Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter

Comments:

TEST REPORT

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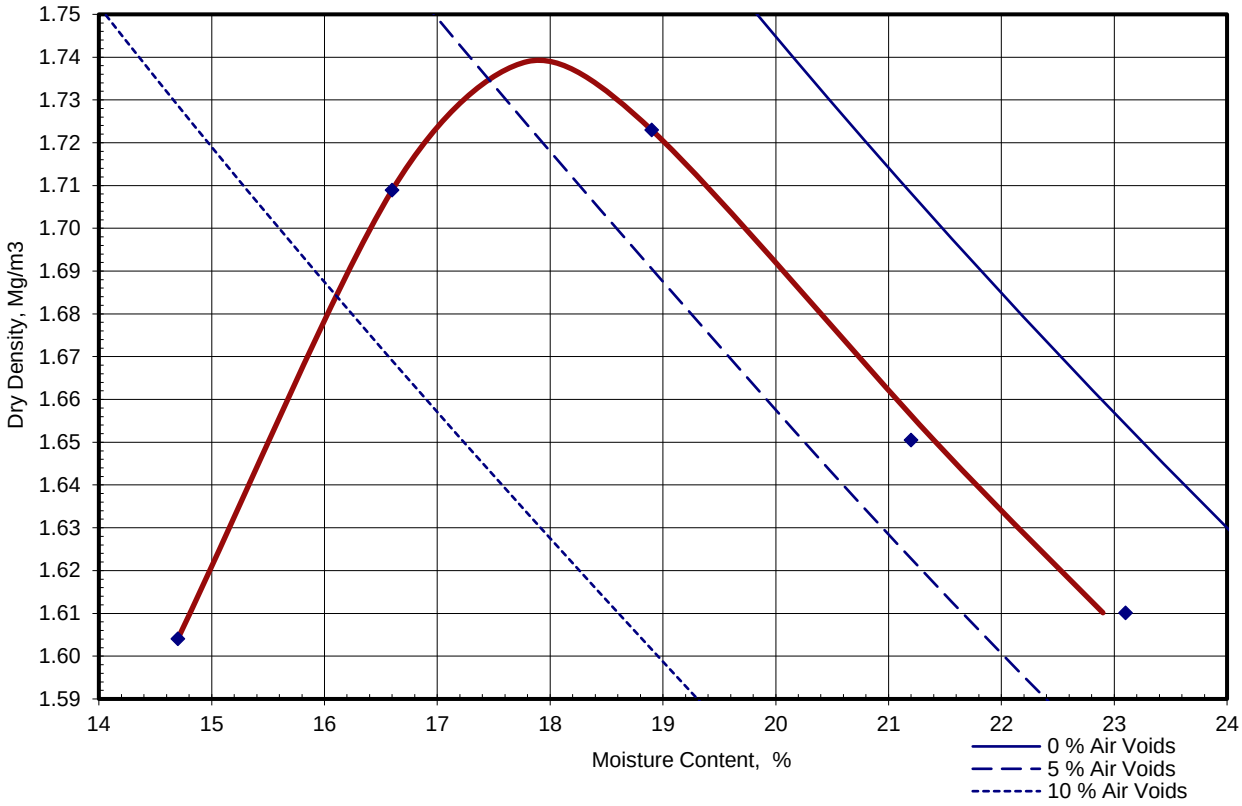
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth (m)	Sample Type	Sample Reference	Water Content (%)	Description	Remarks
TP10	0.50 - 0.50	B	-	18.9	Firm locally stiff orangish brown slightly sandy gravelly silty CLAY. Gravel is brown, black and white angular to rounded chert	Water content is on material passing 37.5mm sieve.

Percentage Retained 37.5mm	7.5 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm	17 %	Single or Separate Samples	Separate
Grading Zone	5	Particle Density (Assumed)	2.68 Mg/m³
Mould Type	CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density	**1.74 Mg/m³**	**Optimum Water Content**	**18 %**



Method of Preparation:	BS1377: Part 1: 2016: 8.6
Method of Test:	BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key:	U= Undisturbed, B = Bulk, D - Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Material retained on 37.5mm sieve excluded from test and replaced with material passing 37.5mm and retained 20mm sieve.

TEST REPORT

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DATE ISSUED: 01/09/2021

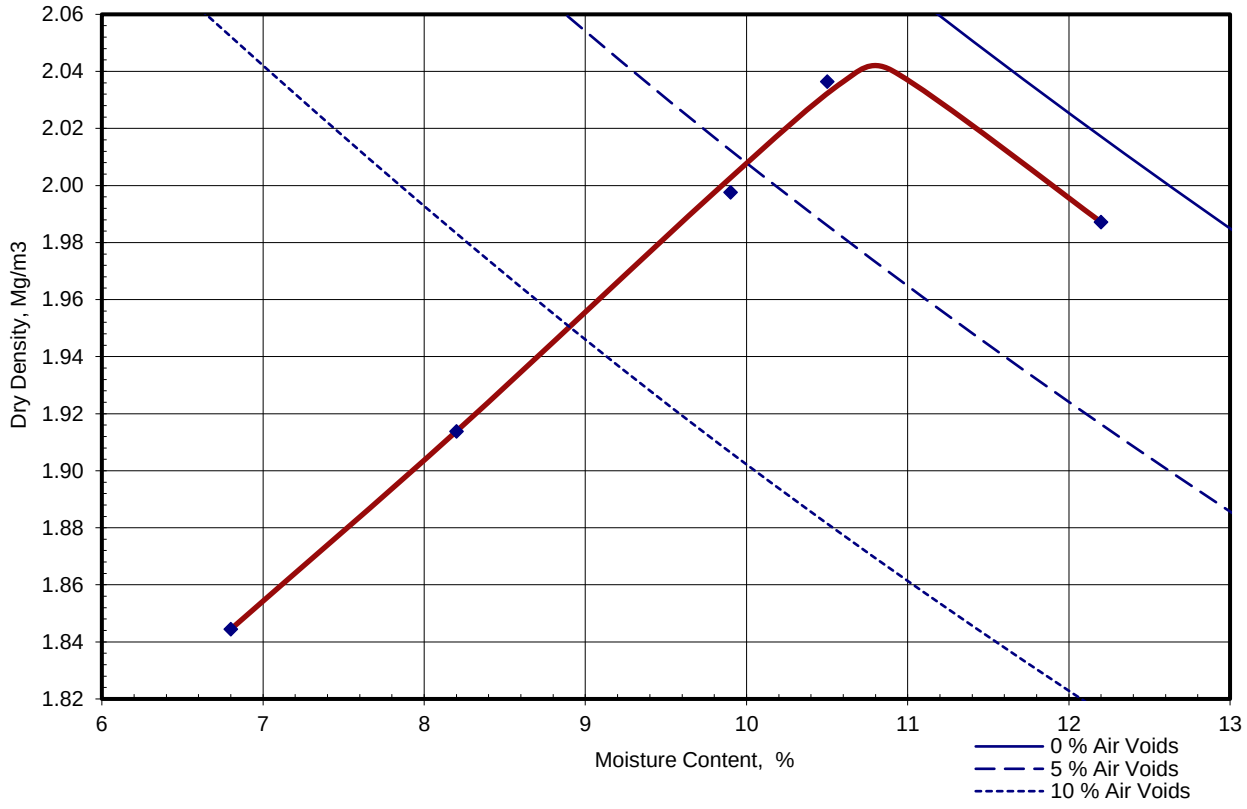
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth (m)	Sample Type	Sample Reference	Water Content (%)	Description	Remarks
TP21	0.80 - 1.20	B	-	9.9	White, black and brown fine to coarse angular to rounded chert GRAVEL in a firm brown sandy silty clay matrix	Water content is on material passing 37.5mm sieve.

Percentage Retained 37.5mm	41 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm	65 %	Single or Separate Samples	Composite
Grading Zone	X	Particle Density (Assumed)	2.68 Mg/m³
Mould Type	CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density	**2.04 Mg/m³**	**Optimum Water Content**	**11 %**



Method of Preparation:	BS1377: Part 1: 2016: 8.6
Method of Test:	BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key:	U= Undisturbed, B = Bulk, D - Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Material retained on 37.5mm sieve excluded from test and replaced with material passing 37.5mm and retained 20mm sieve.

TEST REPORT

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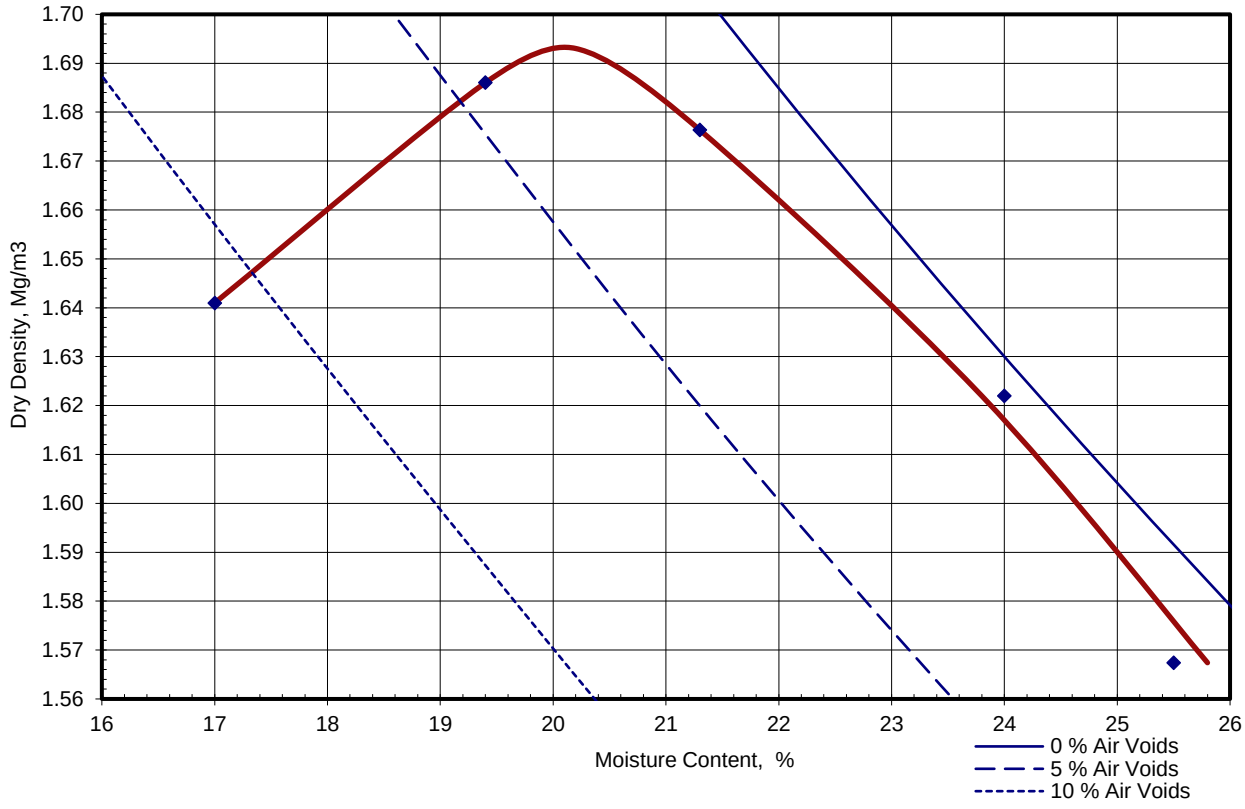
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth (m)	Sample Type	Sample Reference	Water Content (%)	Description	Remarks
TP24	0.30 - 0.60	B	-	19.4	Firm locally stiff brown slightly gravelly slightly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert	

Percentage Retained 37.5mm	0.0 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm	0.3 %	Single or Separate Samples	Separate
Grading Zone	2	Particle Density (Assumed)	2.68 Mg/m³
Mould Type	1 Litre	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.3)
Maximum Dry Density	**1.69 Mg/m³**	**Optimum Water Content**	**20 %**



Method of Preparation: BS1377: Part 1: 2016: 8.6

Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3

Type of Sample Key: U= Undisturbed, B = Bulk, D - Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter

Comments:

TEST REPORT

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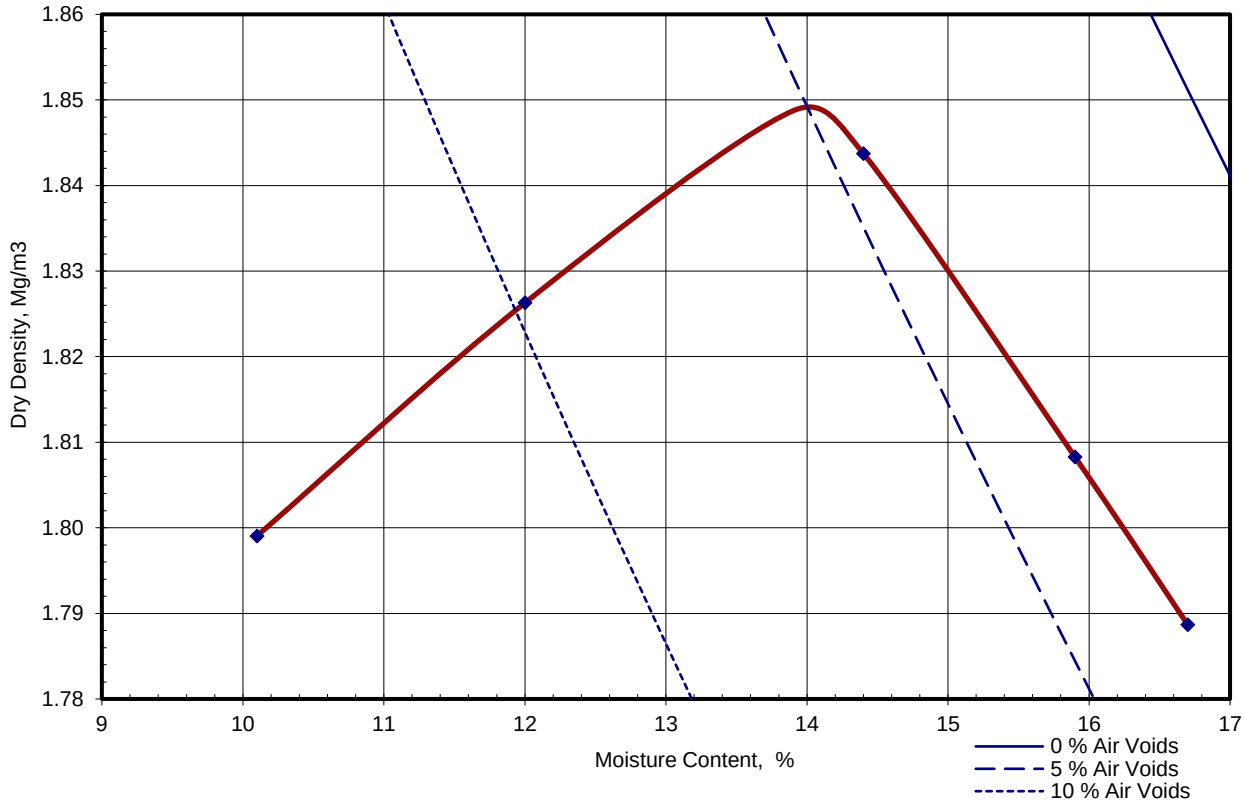
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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth (m)	Sample Type	Sample Reference	Water Content (%)	Description	Remarks
TP25	0.30 - 0.80	B	-	10.1	MADE GROUND comprising of yellowish brown slightly silty very gravelly fine to coarse sand with concrete fragments from fine to coarse gravel size, occasional dark grey limestone, brown, black and white angular to subrounded chert and rare brick, plastic and metal fragments	Water content is on material passing 37.5mm sieve.

Percentage Retained 37.5mm	1.9 %	Maximum Size of Cohesive Lumps	20 mm		
Percentage Retained 20.0mm	14 %	Single or Separate Samples	Separate		
Grading Zone	4	Particle Density (Assumed)	2.68 Mg/m³		
Mould Type	CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)		
Maximum Dry Density	**1.85 Mg/m³**	**Optimum Water Content**	**14 %**		



Method of Preparation: BS1377: Part 1: 2016: 8.6

Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3

Type of Sample Key: U= Undisturbed, B = Bulk, D - Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter

Comments:

TEST REPORT

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DATE ISSUED: 01/09/2021

UKAS TESTING 0998

Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

CALIFORNIA BEARING RATIO TEST

Borehole /Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP03	1.10 - 1.40	B	-	Brown, black and white clayey very sandy angular to rounded chert GRAVEL. Sand is brown	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Material Retained on 20mm Sieve Removed		58	%
Initial Specimen Details:	Bulk Density	2.18	Mg/m³
	Dry Density	1.93	Mg/m³

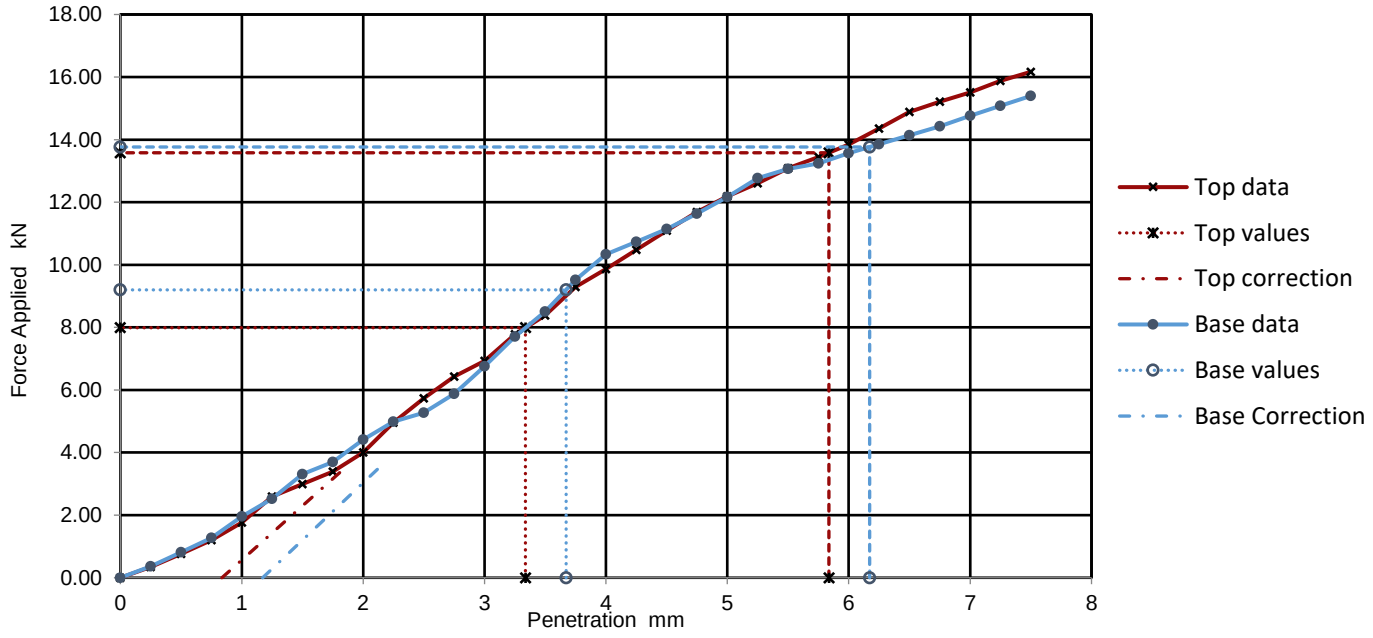
Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Surcharge Applied	15	kg

Test Results

	Curve Correction	CBR Values (%) 2.5mm	5.0mm	Highest	Mean*	Water Content (%)
TOP	Yes	61	68	68	69	13.4
BASE	Yes	70	69	70		13.0

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within ±10% of the mean value.
	Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
	Test deemed not applicable by BS1377: Part 4: 1990: Clause 7.2.1.2 due to greater than 25% retained on 20mm sieve.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

CALIFORNIA BEARING RATIO TEST

Borehole /Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP06	0.50 - 0.90	B	-	Firm locally stiff brown slightly gravelly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Material Retained on 20mm Sieve Removed		1.3	%
Initial Specimen Details:	Bulk Density	2.06	Mg/m³
	Dry Density	1.74	Mg/m³

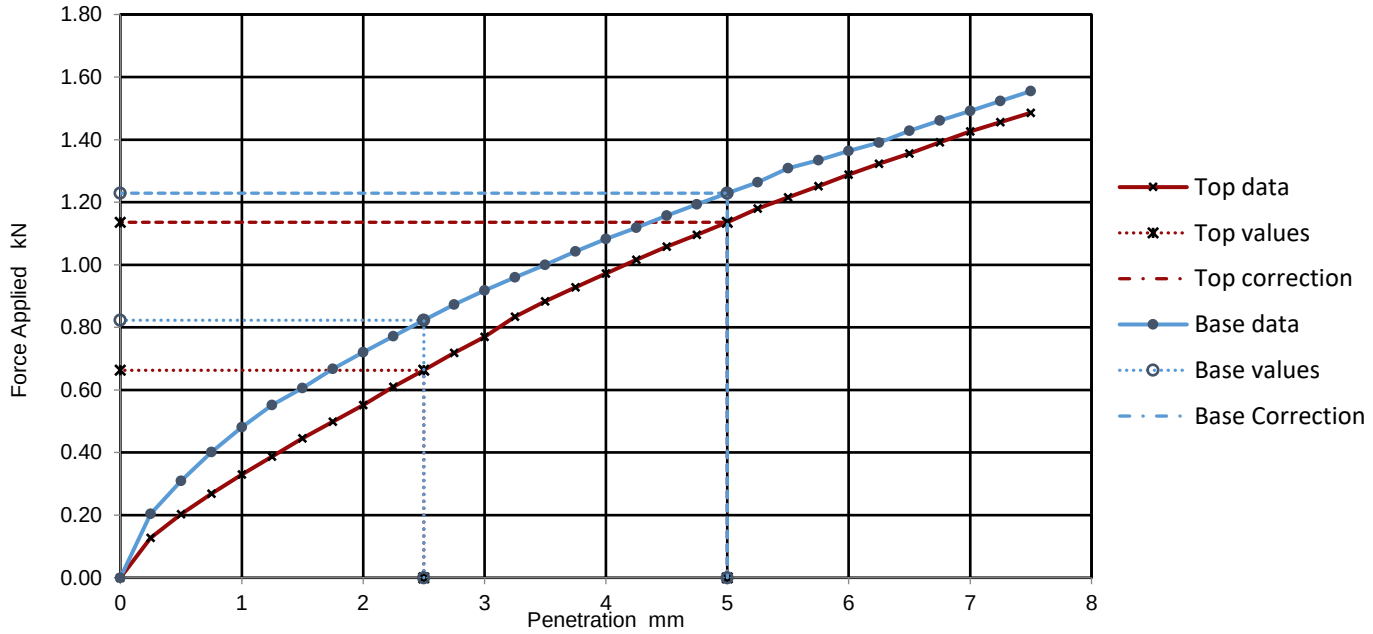
Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Surcharge Applied	15	kg

Test Results

	Curve Correction	CBR Values (%) 2.5mm	5.0mm	Highest	Mean*	Water Content (%)
TOP	No	5.0	5.7	5.7	6.0	18.5
BASE	No	6.2	6.1	6.2		18.5

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within ±10% of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

0998

Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

CALIFORNIA BEARING RATIO TEST

Borehole /Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP08	0.30 - 0.60	B	-	MADE GROUND comprising crushed concrete, occasional grey angular limestone fragments, brown, black and white angular to subrounded chert, rare brick and asphalt fragments from fine to coarse gravel size in a brown slightly clayey silty fine to coarse sand matrix	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Material Retained on 20mm Sieve Removed		28	%
Initial Specimen Details:	Bulk Density	2.27	Mg/m³
	Dry Density	2.11	Mg/m³

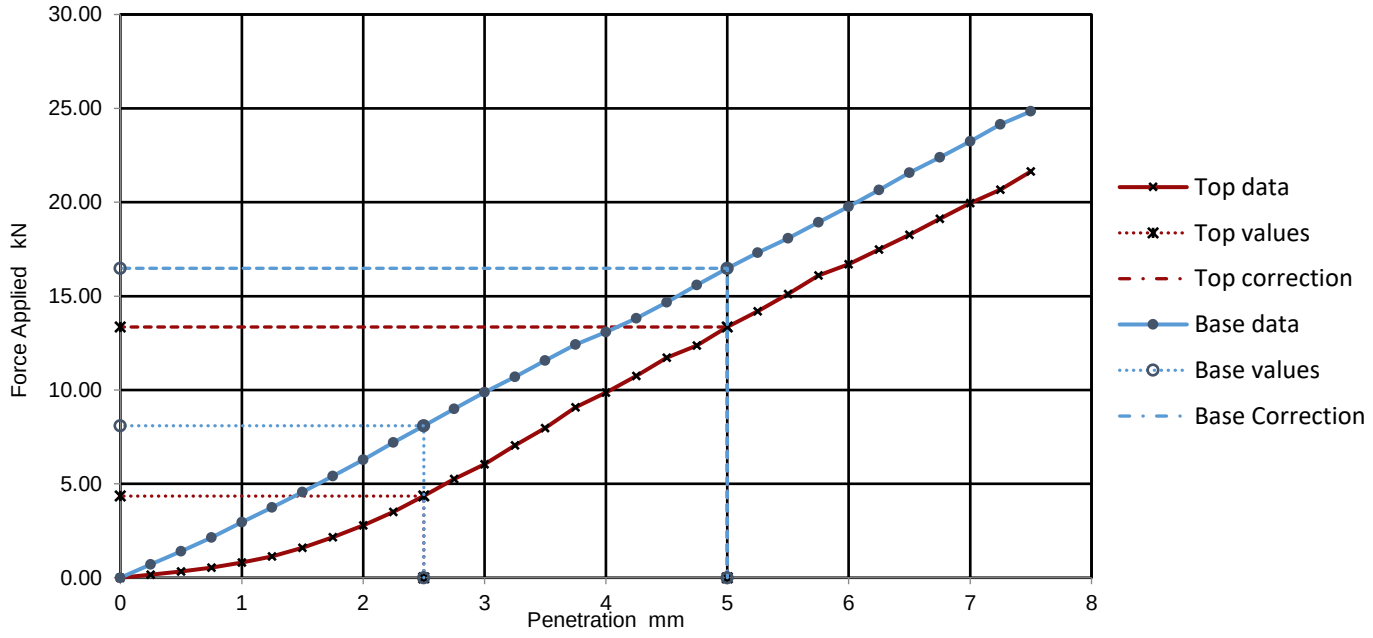
Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Surcharge Applied	15	kg

Test Results

	Curve Correction	CBR Values (%) 2.5mm	5.0mm	Highest	Mean*	Water Content (%)
TOP	No	33	67	67		8.0
BASE	No	61	82	82		6.9

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within ±10% of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value. Test deemed not applicable by BS1377: Part 4: 1990: Clause 7.2.1.2 due to greater than 25% retained on 20mm sieve.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.

TEST REPORT

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Serial No.	**39184_1**

CALIFORNIA BEARING RATIO TEST

Borehole /Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP10	0.50 - 0.50	B	-	Firm locally stiff orangish brown slightly sandy gravelly silty CLAY. Gravel is brown, black and white angular to rounded chert	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Material Retained on 20mm Sieve Removed		25	%
Initial Specimen Details:	Bulk Density	2.05	Mg/m³
	Dry Density	1.72	Mg/m³

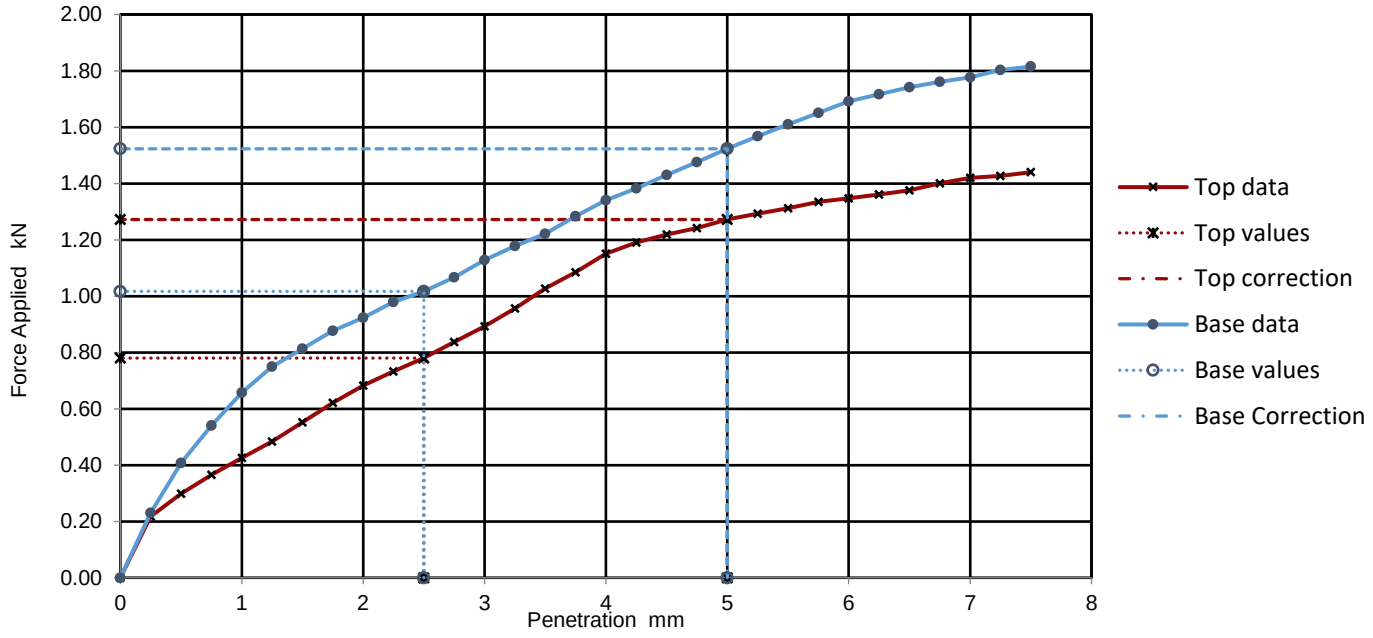
Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Surcharge Applied	15	kg

Test Results

	Curve Correction	CBR Values (%) 2.5mm	5.0mm	Highest	Mean*	Water Content (%)
TOP	No	5.9	6.4	6.4	7.1	19.5
BASE	No	7.7	7.6	7.7		18.3

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within ±10% of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.

TEST REPORT

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Serial No.	**39184_1**

CALIFORNIA BEARING RATIO TEST

Borehole /Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP21	0.80 - 1.20	B	-	White, black and brown fine to coarse angular to rounded chert GRAVEL in a firm brown sandy silty clay matrix	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Material Retained on 20mm Sieve Removed		67	%
Initial Specimen Details:	Bulk Density	2.25	Mg/m³
	Dry Density	2.04	Mg/m³

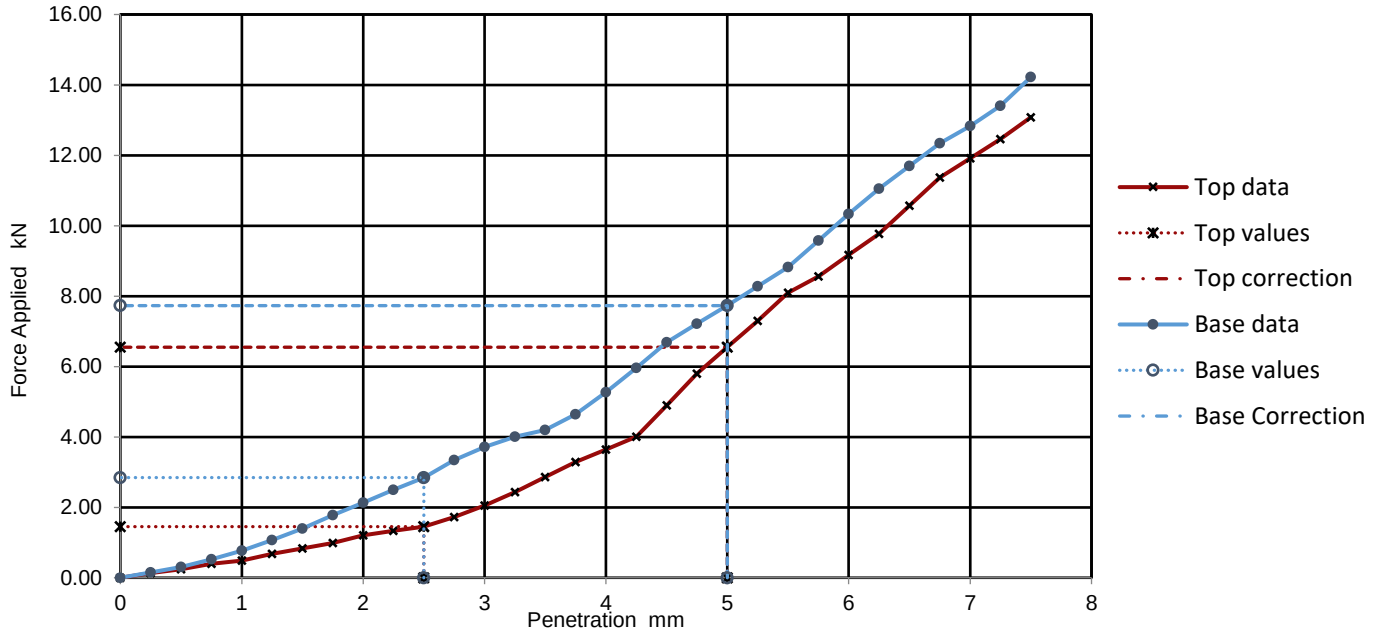
Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Surcharge Applied	15	kg

Test Results

	Curve Correction	CBR Values (%) 2.5mm	5.0mm	Highest	Mean*	Water Content (%)
TOP	No	11	33	33	36	10.5
BASE	No	22	39	39		10.5

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within ±10% of the mean value.
	Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
	Test deemed not applicable by BS1377: Part 4: 1990: Clause 7.2.1.2 due to greater than 25% retained on 20mm sieve.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.

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Serial No.	**39184_1**

CALIFORNIA BEARING RATIO TEST

Borehole /Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP24	0.30 - 0.60	B	-	Firm locally stiff brown slightly gravelly slightly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Material Retained on 20mm Sieve Removed		0.3	%
Initial Specimen Details:	Bulk Density	2.03	Mg/m³
	Dry Density	1.67	Mg/m³

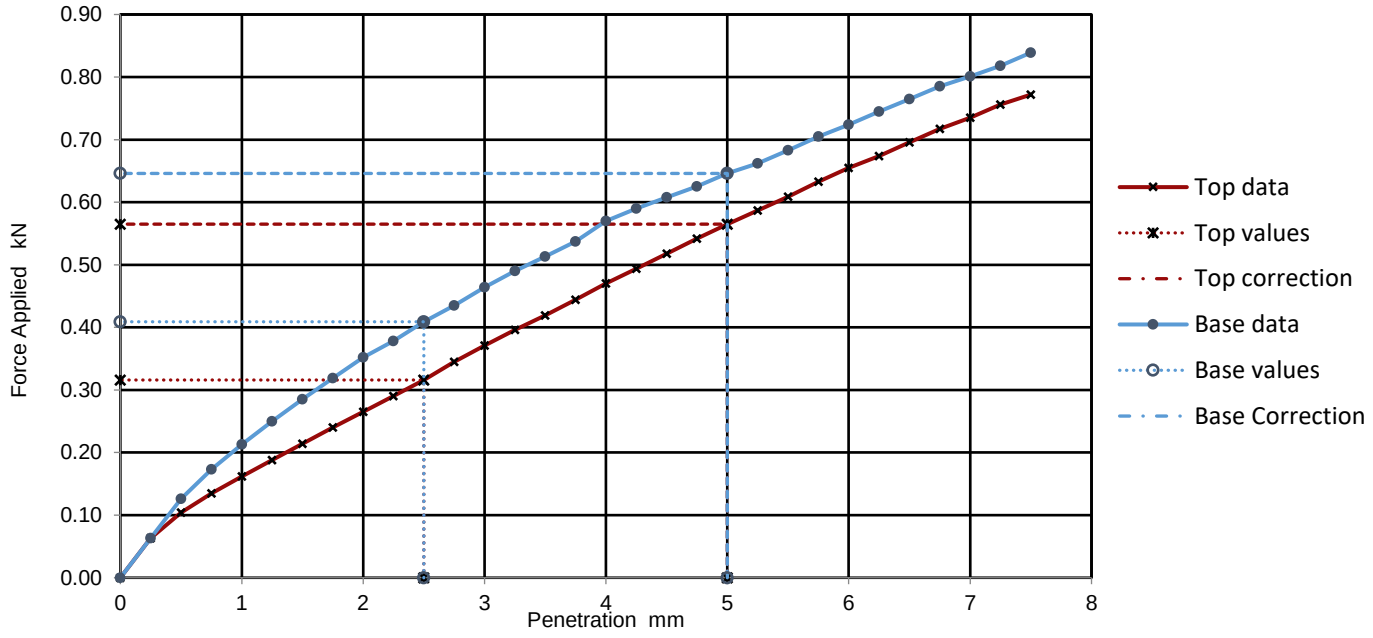
Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Surcharge Applied	15	kg

Test Results

	Curve Correction	CBR Values (%) 2.5mm	5.0mm	Highest	Mean*	Water Content (%)
TOP	No	2.4	2.8	2.8	3.0	21.4
BASE	No	3.1	3.2	3.2		21.3

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within ±10% of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.

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DATE ISSUED: 01/09/2021

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Contract	**UK20.5052F - Pfizer, Havant**
Serial No.	**39184_1**

CALIFORNIA BEARING RATIO TEST

Borehole /Pit No.	Depth (m)	Sample Type	Sample Reference	Description	Remarks
TP25	0.30 - 0.80	B	-	MADE GROUND comprising of yellowish brown slightly silty very gravelly fine to coarse sand with concrete fragments from fine to coarse gravel size, occasional dark grey limestone, brown, black and white angular to subrounded chert and rare brick, plastic and metal	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Material Retained on 20mm Sieve Removed	16	%
Initial Specimen Details: Bulk Density	2.11	Mg/m³
Initial Specimen Details: Dry Density	1.84	Mg/m³

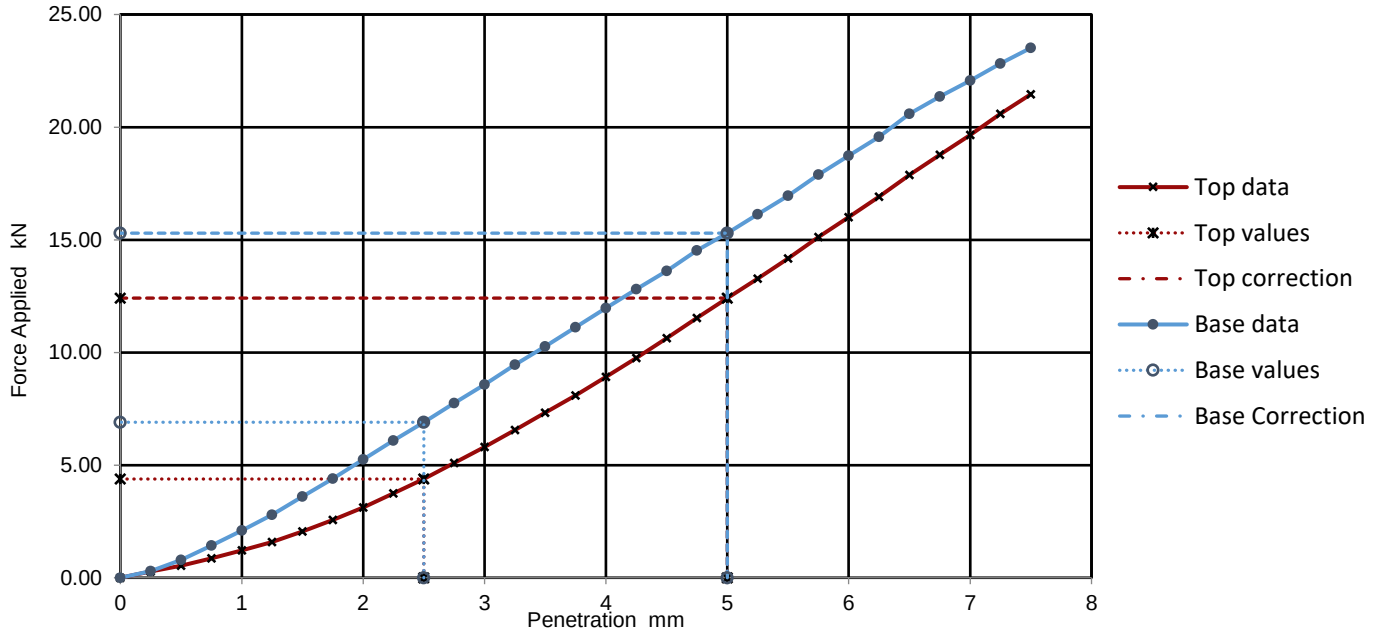
Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Surcharge Applied	15	kg

Test Results

	Curve Correction	CBR Values (%) 2.5mm	5.0mm	Highest	Mean*	Water Content (%)
TOP	No	33	62	62		14.6
BASE	No	52	76	76		14.2

Force v Penetration Plots



Method of Preparation: BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4

Method of Test: BS 1377: Part 4: 1990: 7

Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter

Comments: *Only reported if the results from each end of the sample are within ±10% of the mean value.
Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.

Remarks to Include: Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.

TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD

DATE ISSUED: 01/09/2021

Contract:	**UK20.5052F - Pfizer, Havant**
Serial No:	**39184_1**

DETERMINATION OF THE SULPHATE CONTENT AND pH OF SOIL AND GROUNDWATER

Borehole / Pit No.	Depth (m)	Sample		Conc. of Soluble SO3		Calc'd Conc. Of SO4 (g/L)	pH Value	% Sample Passing 2mm Sieve	Description	Remarks
		Type	Ref.	Water Soluble 2:1 (g/L)	Ground Water (g/L)					
TP06	1.10 - 1.20	D	-	0.03		0.04	6.6	94	Firm yellowish brown slightly gravelly slightly sandy silty CLAY. Gravel is fine to coarse angular and subangular chert	
TP07	2.15	D	-	0.02		0.03	6.7	95	Firm yellowish brown slightly gravelly slightly sandy silty CLAY. Gravel is fine to coarse angular and subangular chert	

Method of Preparation:	BS1377: Part 1: 2016: 8.5, BS1377: Part 3: 1990: 5.3 Soil/Water Extract, 5.4 Groundwater
Method of Test:	BS1377: Part 3: 1990: 5.5
Type of Sample Key:	U= Undisturbed, B= Bulk, D= Disturbed, J= Jar, W= Water, SPT= Split Spoon Sample, C= Core Cutter
Comments:	**Test not UKAS accredited**
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location, and origin of test specimen within original sample. Oven drying temperature if not 105-110C.

APPENDIX I

Generic Screening Criteria

EPS Generic Quantitative Risk Assessment - Commercial Landuse

Contaminant	Soil Targets			Groundwater Targets	
	Human Health	Controlled Waters		Controlled Waters	
		LGwRP	HGwRP	LGwRP	HGwRP
Unit	**mg/kg**			**ug/l**	
Arsenic	See C4SL	n/c	n/c	50	10
Cadmium	See C4SL	n/c	n/c	5	5
Chromium III	8600	n/c	n/c	250	50
Chromium VI	See C4SL	n/c	n/c	n/c	n/c
Copper	68000	n/c	n/c	28	28
Mercury (elemental)	58	n/c	n/c	1	1
Nickel	980	n/c	n/c	200	50
Lead	See C4SL	n/c	n/c	250	10
Selenium	12000	n/c	n/c	10	10
Zinc	730000	n/c	n/c	500	500
Benzene	See C4SL	0.252	0.008	30	1
Toluene	56000* (869)	1.17	1.17	50	50
Ethylbenzene	5700* (518)	15.0	10.0	300	200
Xylene (Para)	5900** (576)	0.885	0.885	30	30
MTBE#	7900	0.138	0.0276	75	15
Benzo(a)Pyrene	see C4SL	10	1.44	0.7	0.1
Naphthalene	190** (76.4)	0.934	0.02	10	0.1
Dibenz(ah)anthracene	3.5	n/c	n/c	n/c	n/c
Aliphatic C5-C6	3200** (304)	5.27	1.05	50	10
Aliphatic C6-C8	7800** (144)	23.2	4.64	50	10
Aliphatic C8-C10	2000** (78)	175	35.1	50	10
Aliphatic C10-C12	9700** (48)	1380	276	50	10
Aliphatic C12-C16	59000**(24)	27500	5490	50	10
Aliphatic C16-C35	1600000	3.46E+06	6.91E+05	50	10
Aromatic C8-C10	3500*(613)	8.74	1.75	50	10
Aromatic C10-C12	16000** (364)	13.8	2.76	50	10
Aromatic C12-C16	36000**(169)	27.5	5.5	50	10
Aromatic C16-C21	28000	86.9	17.4	50	10
Aromatic C21-C35	28000	690	138	50	10

Additional Re-Use Criteria Proposed for Pfizer site

Asbestos (all forms) - <0.1% by mass/no visual fragments

Total TPH (C5-35) - 2,000mg/kg

Benzylbutyl Phthalate (BBP) - 6.6mg/kg

Bis(2-ethylhexyl)phthalate - 2.2mg/kg

Notes:

LGwRP - Low Groundwater Resource Potential

HGwRP - High Groundwater Resource Potential

* = S4UL exceeds vapour saturation limit (in brackets)

** = S4UL exceeds solubility saturation limit (in brackets)

FOR PFIZER SITE: PLEASE NOTE THAT RE-USE CRITERIA FOR TOTAL TPH AND PHTHALATES SUPERSEDE GACs. THE TPH FRACTIONS STATED ABOVE ONLY APPLY WHERE THE TOTAL TPH DOES NOT EXCEED 2,000mg/kg.

Assessment criteria for Human Health have been taken from *S4ULs 'Suitable For Use Levels for Human Health Risk Assessment' – LQM and CIEH (2014)* derived using standard sandy loam soil with 1% SOM, except (#) = *EIC/AGS/CL:AIRE GAC 'Soil Generic Assessment Criteria' (2010)* . For sites where ground conditions differ significantly from sandy loam or site-specific SOM and pH are available, the generic human health targets may be revised.

Targets for Controlled waters have been derived using EA Remedial Targets Worksheet (v3.1) - using standard Sandy Loam ground conditions as described in Science Report SC050021/SR3, assuming no degradation for a 10m compliance distance with criteria of EQS or UKDWS for LGwRP and HGwRP respectively (see notes for GW targets).

Groundwater Targets

For LGwRP, targets have been taken as Freshwater EQS where available. For Ethylbenzene and BaP the WHO Health limit has been used and for MTBE and individual TPH fractions a 5 times multiplier of taste threshold and UKDWS has been taken repectively.

For HGwRP, targets have been taken as UKDWS where available, with the exception of Copper and Zinc where the EQS is lower than the DWS and therefore the EQS has been used as the groundwater target. For Ethlylbenzene the upper WHO ATO limit has been used. For Toluene and Xylene, the WHO ATO limit is higher than the EQS and so the lower value has been taken. For MTBE the taste threshold has been taken.

Work carried out to calculate screening criteria for contaminantion in groundwater with respect of risks to Human Health has generally found that criteria far exceed (by at least 2 orders of magnitude) those listed for the protection of either LGwRP and HGwRP receptors. On this basis, the above groundwater criteria are also considered protective of human health and further evaluation of these risks should be considered alongside any detailed quantitative risk assessments carried out for groundwater on a site specific basis.

EPS Generic Quantitative Risk Assessment

Generic Screening Criteria (C4SLs) - All Land Uses

Contaminant	Soil Targets					
	Residential		Allotments	Commercial	Public Open Spaces	
	With Home Grown Produce	Without Home Grown Produce			Residential	Parks
Unit	mg/kg					
Arsenic	37	40	49	640	79	168
Benzene	0.87	3.3	0.18	98	140	230
Benzo(a)pyrene	5	5.3	5.7	76	10	21
Cadmium	26	149	4.9	410	220	880
Chromium (VI)	21	21	170	49	23	250
Lead	200	310	80	2330	630	1300
Chloroethene (Vinyl Chloride)	0.017	0.029	0.0058	2.2	7.8	19
Trichloroethene (TCE)	0.043	0.045	0.16	3.4	79	69
Tetrachloroethene (PCE)	1.6	1.6	11	130	3400	2500

Notes:

Targets for Human Health have been taken from the publicly available Category 4 Screening Levels (C4SLs) for assessment of land affected by contamination issued by DEFRA/CL:AIRE in December 2013 and May 2021.

Within the modelling for C4SLs, a Soil Organic Matter content of 6% has been used. Reference to site-specific data should be made where possible.

The contaminant benzene is the current C4SL most susceptable to changes in SOM along with the three chlorinated solvents.

APPENDIX J

CLEA Model Output

STEP 2: BASIC SETTINGS

Apply Settings to Model

Back to Guide

SELECT LAND USE Commercial

RATIO MODE ☐

LAND USE OPTIONS

RECEPTOR Female (com)

BUILDING Office (post 1970)

START AC 17 **END AC** 17

SOIL TYPE Sandy loam

pH 7 **SOM (%)** 6

EXPOSURE PATHWAYS

ORAL ROUTES		DERMAL ROUTES		INHALATION ROUTES	
direct soil and dust ingestion	☐ E	indoor	☐ E	indoor dust	☐ SE
consumption of homegrown produce	☐ E	outdoor	☐ E	outdoor dust	☐ SE
soil attached to homegrown produce	☐ E			indoor vapour	☑ JE
				outdoor vapour	☐ SE

STEP 3: SELECT CHEMICALS

Clear All | Apply Chemicals to Model | Back to Guide

Select chemicals of interest from pulldown list. Up to thirty chemicals can be assessed at one time. If site concentrations are known these can be entered to over ride model estimates.

		Site Measured Media Concentrations (If Known)									
		Soil	Air, Soil Gas	Vapour, Outdoor	Vapour, Indoor	Green veg	Root veg	Tuber veg	Herb. fruit	Shrub fruit	Tree fruit
Number	Chemical	mg kg^{-1} DW	mg m^{-3}	mg m^{-3}	mg m^{-3}	mg g^{-1} FW	mg g^{-1} FW	mg g^{-1} FW	mg g^{-1} FW	mg g^{-1} FW	mg g^{-1} FW
1	Carbon disulphide	-3.355E-10	0.0171								
2	Aliphatic >C6-C8	-3.355E-10	0.204								
3	Xylene, m-	-3.355E-10	0.0156								
4	Xylene, p-	-3.355E-10	0.0156								
5	2-Propanone (Acetone)	-3.355E-10	0.114								
6	Trichloroethene	-3.355E-10	0.021								
7	Tetrachloroethene	-3.355E-10	0.581								
8	1,1,1-Trichloroethane	-3.355E-10	0.581								
9	Aliphatic >C5-C6	-3.355E-10	0.103								
10	Aliphatic >C8-C10	-3.355E-10	0.463								
11	Aliphatic >C10-C12	-3.355E-10	0.196								
12	Aromatic >EC7-EC8	-3.355E-10	6.588								
13	Aliphatic >C6-C8	-3.355E-10	0.204								
14	1,1,1-Trichloroethane	-3.355E-10	0.021								
15	Naphthalene	-3.355E-10	0.0021								
16	1,2-Dichlorobenzene	-3.355E-10	0.1								
17											
18											
19											
20											
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24											
25											
26											
27											
28											
29											
30											

ADVANCED SETTINGS

Restore Defaults | Back to Menu

Chemical Name	Chemical type	Oral HCV					Inhalation HCV					Oral and inhalation HCV	Oral MDI for adults	Inhalation MDI for adults	Air-water partition coefficient (K_{aw})	Diffusion coefficient in air	Diffusion coefficient in water	Relative molecular mass	Vapour pressure	Water solubility	K_{oc}	K_{ow}	K_p	Dermal absorption fraction	Soil - plant availability correction	Root - shoot correction factor	Root - root store correction factor	Root - tuber correction factor	Root - fruit correction factor	Soil-to-plant concentration factor (green vegetables)		Soil-to-plant concentration factor (root vegetables)		Soil-to-plant concentration factor (tuber vegetables)		Soil-to-plant concentration factor (herbaceous fruit)		Soil-to-plant concentration factor (shrub fruit)		Soil-to-plant concentration factor (tree fruit)		Apply Top 2 Method to Produce Groups						Soil-to-dust transport factor (DS / DN)	Soil-dust-to-soil to indoor air transfer factor (dimensionless)	Relative bioavailability (RBA_{solid})	
		Type	kg_{bw} day^{-1}	Oral exposure	Compare with dermal exposure	Compare with inhalation exposure	Type	kg_{bw} day^{-1}	Oral exposure	Compare with dermal exposure	Compare with inhalation exposure	Oral and inhalation HCV	kg_{bw} day^{-1}	kg_{bw} day^{-1}	m^3_{air} m^{-3}_{water}	m^2 s^{-1}	m^2 s^{-1}	Dalton	Pa	mg L^{-1}	$L/(cm^3)$ g^{-1}	kg_{soil} $kg^{-1}_{dry\ matter}$	m^3 g^{-1}	dimensionless	dimensionless	dimensionless	dimensionless	dimensionless	dimensionless	dimensionless	dimensionless	dimensionless	Type	$mg_{plant\ DW}$ $g^{-1}_{DW\ soil}$	Type	$mg_{plant\ DW}$ $g^{-1}_{DW\ soil}$	Type	$mg_{plant\ DW}$ $g^{-1}_{DW\ soil}$	Type	$mg_{plant\ DW}$ $g^{-1}_{DW\ soil}$	Type	$mg_{plant\ DW}$ $g^{-1}_{DW\ soil}$	Type	$mg_{plant\ DW}$ $g^{-1}_{DW\ soil}$	Type	Green vegetables	Root vegetables	Tuber vegetables	Herbaceous fruit	Shrub fruit	Tree fruit			Soil	Marine dust
Carbon disulfide	organic	TDI	1.00E+02	Yes	Yes	No	TDI	2.83E+01	No	No	Yes	Yes	0.00E+00	0.00E+00	4.08E-01	1.04E-05	8.28E-10	7.61E+01	2.65E+04	2.10E+03	2.06E+00	2.06E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00
Aliphatic >C6-C8	organic	TDI	5.00E+03	Yes	Yes	No	TDI	5.26E+03	No	No	Yes	Yes	3.50E+05	3.68E+05	5.10E+01	1.00E-05	1.00E-09	1.00E+02	6.40E+03	5.40E+00	3.60E+00	4.00E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
Xylene, m-	organic	TDI	1.80E+02	Yes	Yes	No	TDI	6.00E+01	No	No	Yes	Yes	1.10E+01	1.46E+02	1.12E-01	7.03E-06	5.31E-10	1.06E+02	4.95E+02	2.00E+02	2.85E+00	3.23E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	0.02	0.00E+00	0.02	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
Xylene, p-	organic	TDI	1.80E+02	Yes	Yes	No	TDI	6.00E+01	No	No	Yes	Yes	1.10E+01	1.46E+02	1.07E-01	7.04E-06	5.31E-10	1.06E+02	4.75E+02	2.00E+02	2.85E+00	3.15E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	0.02	0.00E+00	0.02	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
2-Propanone (Acetone)	organic	TDI	9.00E-03	Yes	No	No	TDI	6.80E+03	No	Yes	Yes	Yes	5.00E+01	3.20E+02	8.11E-04	1.03E-05	7.74E-10	5.81E+01	1.63E+04	4.41E+05	9.00E-01	-2.40E-01	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00
Trichloroethene	organic	B3	5.00E-01	Yes	Yes	No	B3	5.70E-01	No	No	Yes	Yes	NR	NR	7.91E-06	9.01E-06	6.25E-10	1.31E+02	4.58E+03	1.37E+03	2.15E+00	2.53E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00
Tetrachloroethene	organic	TDI	6.00E+00	Yes	Yes	No	TDI	1.10E+01	No	No	Yes	Yes	8.40E+00	2.00E+02	3.16E-01	7.10E-06	5.61E-10	1.66E+02	1.21E+03	2.23E+02	2.42E+00	2.88E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00
1,1,1-Trichloroethane	organic	TDI	6.00E+00	Yes	Yes	No	TDI	6.00E+00	No	No	Yes	Yes	2.00E-01	3.35E+02	3.60E-01	7.73E-06	5.99E-10	1.33E+02	8.23E+03	1.30E+03	2.12E+00	2.49E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00
Aliphatic >C5-C6	organic	TDI	5.00E+03	Yes	Yes	No	TDI	5.26E+03	No	No	Yes	Yes	3.50E+05	3.68E+05	3.40E+01	1.00E-05	1.00E-09	8.10E+01	3.60E+04	3.60E+01	2.90E+00	3.30E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
Aliphatic >C8-C10	organic	TDI	1.00E+02	Yes	Yes	No	TDI	2.70E+02	No	No	Yes	Yes	7.00E+03	1.89E+04	8.20E+01	1.00E-05	1.00E-09	1.30E+02	6.40E+02	4.30E-01	4.51E+00	4.80E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
Aliphatic >C10-C12	organic	TDI	1.00E+02	Yes	Yes	No	TDI	2.70E+02	No	No	Yes	Yes	7.00E+03	1.89E+04	1.30E+02	1.00E-05	1.00E-09	1.60E+02	6.50E+01	3.40E-02	5.40E+00	5.60E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
Aromatic >EC7-EC8	organic	TDI	2.00E+02	Yes	Yes	No	TDI	1.10E+02	No	No	Yes	Yes	1.40E+04	7.70E+03	2.70E-01	1.00E-05	1.00E-09	9.20E+01	3.87E+03	5.30E+02	2.40E+00	2.50E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
Aliphatic >C6-C8	organic	TDI	5.00E+03	Yes	No	No	TDI	5.26E+03	No	No	Yes	Yes	3.50E+05	3.68E+05	5.10E+01	1.00E-05	1.00E-09	1.00E+02	6.40E+03	5.40E+00	3.60E+00	4.00E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	10.0	1.00	1.00
1,1,1-Trichloroethane	organic	TDI	6.00E+00	Yes	Yes	No	TDI	6.00E+00	No	No	Yes	Yes	2.00E-01	3.35E+02	3.60E-01	7.73E-06	5.99E-10	1.33E+02	8.23E+03	1.30E+03	2.12E+00	2.49E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00
Naphthalene	organic	TDI	2.00E+01	Yes	Yes	No	TDI	8.60E-01	No	No	Yes	Yes	7.00E+00	2.80E+00	6.62E-03	6.52E-06	5.16E-10	1.28E+02	2.31E+05	1.90E+01	2.81E+00	3.34E+00	NR	1.30E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00
1,2-Dichlorobenzene	organic	TDI	4.30E+02	Yes	Yes	No	TDI	4.30E+01	No	No	Yes	Yes	2.00E+01	1.65E+02	3.38E-02	6.79E-06	5.37E-10	1.47E+02	7.21E+01	1.32E+02	2.84E+00	3.38E+00	NR	1.00E-01	NR	NR	NR	NR	NR	NR	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	0.00E+00	model	No	No	No	No	No	No	0.50	1.0	1.00	1.00

ADVANCED SETTINGS

Restore Defaults

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		AGE CLASS						AGE CLASS						AGE CLASS					
LAND USE		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**
EF (soil and dust ingestion)	day yr^{-1}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230	0
EF (consumption of homegrown produce)	day yr^{-1}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EF (skin contact, indoor)	day yr^{-1}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230	0
EF (skin contact, outdoor)	day yr^{-1}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	0
EF (inhalation of dust and vapour, indoor)	day yr^{-1}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230	0
EF (inhalation of dust and vapour, outdoor)	day yr^{-1}	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	0
Occupancy Period (indoor)	hr day^{-1}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0
Occupancy Period (outdoor)	hr day^{-1}	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
Soil to skin adherence factor (indoor)	mg cm^{-2} day^{-1}	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Soil to skin adherence factor (outdoor)	mg cm^{-2} day^{-1}	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-01	0.00E+00
Soil and dust ingestion rate	g day^{-1}	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-02	0.00E+00

		AGE CLASS						AGE CLASS						AGE CLASS					
RECEPTOR		**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**
Body weight	kg	5.60	9.80	12.70	15.10	16.90	19.70	22.10	25.30	27.50	31.40	35.70	41.30	47.20	51.20	56.70	59.00	70.00	70.90
Body height	m	0.70	0.80	0.90	0.90	1.00	1.10	1.20	1.20	1.30	1.30	1.40	1.40	1.50	1.60	1.60	1.60	1.60	1.60
Inhalation rate	m^3 day^{-1}	8.50	13.30	12.70	12.20	12.20	12.20	12.40	12.40	12.40	12.40	12.40	13.40	13.40	13.40	13.40	13.40	14.80	12.00
Max exposed skin fraction (indoor)	m^2 m^{-2}	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00
Max exposed skin fraction (outdoor)	m^2 m^{-2}	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00

ADVANCED SETTINGS

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SOIL PROPERTIES for	Sandy loam	
Porosity, total	$cm^3\ cm^{-3}$	0.53
Porosity, air-filled	$cm^3\ cm^{-3}$	0.20
Porosity, water-filled	$cm^3\ cm^{-3}$	0.33
Residual soil water Content	$cm^3\ cm^{-3}$	0.12
Saturated hydraulic conductivity	$cm\ s^{-1}$	3.56E-03
van Genuchten shape parameter (*m*)	dimensionless	3.20E-01
Bulk density	$g\ cm^{-3}$	1.21
Threshold value of wind speed at 10m	$m\ s^{-1}$	7.20
Empirical function (F_x) for dust model	dimensionless	1.22
Ambient soil temperature	K	283

BUILDING PROPERTIES for	Office (post 1970)	
Building footprint	m^2	6.10E+02
Living space air exchange rate	hr^{-1}	1.00
Living space height (above ground)	m	12.8
Living space height (below ground)	m	0.0
Pressure difference (soil to enclosed space)	Pa	5.1
Foundation thickness	m	1.50E-01
Floor crack area	cm^2	1.98E+03
Dust loading factor	$\mu g\ m^{-3}$	1.00E+02

AIR DISPERSION MODEL		
Mean annual windspeed (10 m)	$m\ s^{-1}$	5.00
Air dispersion factor at height of 0.8 m	$g\ m^{-2}\ s^{-1}$ per $kg\ m^{-3}$	68.0
Air dispersion factor at height of 1.6 m	$g\ m^{-2}\ s^{-1}$ per $kg\ m^{-3}$	120.0
Fraction of site with hard or vegetative cover	$m^2\ m^{-2}$	0.80

VAPOUR MODEL		
Use default soil gas ingress rate	☑	
Default soil gas ingress rate	$cm^3\ s^{-1}$	150.00
Depth to top of source (beneath building)	cm	65
Depth to top of source (no building)	cm	0

Use limited source thickness	☐	
Thickness of contaminant layer	cm	200

Time average period for surface emissions	years	49
User defined effective air permeability	cm^2	3.05E-08

3.05037E-08

STEP 5: RESULTS

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		Ratio of ADE to relevant Health Criteria Value			Soil Assessment Criteria			SAC Flag	Soil Saturation Limit	Pathway Contributions (%)										
		oral HCV	inhal HCV	Combined	oral HCV	inhal HCV	Combined	Current SAC used for determining pathway contributions		direct soil ingestion	sum of consumption of homegrown produce and attached	dermal contact (indoor)	dermal contact (outdoor)	inhalation of dust (indoor)	inhalation of dust (outdoor)	inhalation of vapour (indoor)	inhalation of vapour (outdoor)	oral background	inhalation background	Total
Number	Chemical	(dimensionless)	(dimensionless)	(dimensionless)	mg kg^{-1}	mg kg^{-1}	mg kg^{-1}	(unitless)	mg kg^{-1}	%	%	%	%	%	%	%	%	%	%	%
1	Carbon disulphide	0.00	0.00	0.00	**NR**	**NR**	**NR**		9.11E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Aliphatic >C6-C8	0.00	0.00	0.00	**NR**	**NR**	**NR**		7.85E+02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Xylene, m-	0.00	0.00	0.00	**NR**	**NR**	**NR**		3.46E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Xylene, p-	0.00	0.00	0.00	**NR**	**NR**	**NR**		3.17E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	2-Propanone (Acetone)	0.00	0.00	0.00	**NR**	**NR**	**NR**		2.42E+05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Trichloroethene	0.00	0.00	0.00	**NR**	**NR**	**NR**		7.14E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Tetrachloroethene	0.00	0.00	0.00	**NR**	**NR**	**NR**		2.18E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	1,1,1-Trichloroethane	0.00	0.00	0.00	**NR**	**NR**	**NR**		6.39E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Aliphatic >C5-C6	0.00	0.00	0.00	**NR**	**NR**	**NR**		1.21E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Aliphatic >C8-C10	0.00	0.00	0.00	**NR**	**NR**	**NR**		4.90E+02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Aliphatic >C10-C12	0.00	0.00	0.00	**NR**	**NR**	**NR**		2.98E+02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Aromatic >EC7-EC8	0.00	0.00	0.00	**NR**	**NR**	**NR**		4.71E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	Aliphatic >C6-C8	0.00	0.00	0.00	**NR**	**NR**	**NR**		7.85E+02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	1,1,1-Trichloroethane	0.00	0.00	0.00	**NR**	**NR**	**NR**		6.39E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	Naphthalene	0.00	0.00	0.00	**NR**	**NR**	**NR**		4.32E+02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	1,2-Dichlorobenzene	0.00	0.00	0.00	**NR**	**NR**	**NR**		3.24E+03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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7B Caxton House
Broad Street
Cambourne
Cambridge CB23 6JN

T +44 (0) 1954 710666
F +44 (0) 1954 710677
E info@epstrategies.co.uk
W www.epstrategies.co.uk

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