

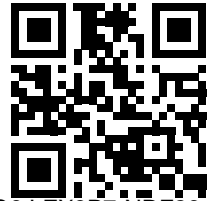
## APPENDIX 20

MULROY ENVIRONMENTAL LTD.  
HAZWASTEONLINE TOOL REPORT ON  
SOIL SAMPLES TAKEN FROM TRIALPITS TP1 – TP48

For inspection purposes only.  
Consent of copyright owner required for any other use.

For inspection purposes only.  
Consent of copyright owner required for any other use.

# Waste Classification Report



HTQ9J-ZX3P7-NRF26

## Job name

Winsac Ltd Report

## Description/Comments

## Project

Environmental Risk Assessment - Soil Waste Classification

## Site

Barnageeragh Cove Landfill

## Waste Stream Template

Barnageeragh Cove

## Classified by

Name:  
**Patrick McCabe**  
Date:  
**14/03/2018 15:23:32 UTC**  
Telephone:  
**+353-86-8770380**

Company:  
**Mulroy Environmental**  
**30 Lisroland View**  
**Knockbridge**  
**Dundalk**

Consent of copyright owner required for any other use.  
For inspection purposes only.

## Report

Created by: Patrick McCabe  
Created date: 14/03/2018 15:23 UTC

## Job summary


#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	SO-TP1-01		Non Hazardous		3
2	SO-TP1-02		Non Hazardous		6
3	SO-TP2-01		Non Hazardous		8
4	SO-TP3-01		Non Hazardous		11
5	SO-TP4-01		Hazardous	HP 14	13
6	SO-TP5-01		Hazardous	HP 7, HP 14	16
7	SO-TP6-01		Non Hazardous		19
8	SO-TP7-01		Non Hazardous		21
9	SO-TP8-01		Hazardous	HP 3(i), HP 7, HP 11	24
10	SO-TP9-01		Non Hazardous		27
11	SO-TP10-01		Hazardous	HP 14	29
12	SO-TP11-01		Hazardous	HP 7, HP 14	32
13	SO-TP12-01		Non Hazardous		35
14	SO-TP12-02		Non Hazardous		37
15	SO-TP13-01		Non Hazardous		39
16	SO-TP14-01		Non Hazardous		42

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
17	SO-TP14-02		Hazardous	HP 3(i), HP 7, HP 11	44
18	SO-TP15-01		Hazardous	HP 3(i), HP 7, HP 11	47
19	SO-TP15-02		Non Hazardous		50
20	SO-TP16-01		Non Hazardous		52
21	SO-TP17-01		Non Hazardous		54
22	SO-TP18-01		Non Hazardous		57
23	SO-TP19-01		Non Hazardous		60
24	SO-TP19-02		Non Hazardous		62
25	SO-TP20-01		Hazardous	HP 14	64
26	SO-TP20-02		Non Hazardous		67
27	SO-TP21-01		Non Hazardous		69
28	SO-TP22-01		Hazardous	HP 7	72
29	SO-TP23-01		Hazardous	HP 14	75
30	SO-TP25-01		Non Hazardous		78
31	SO-TP27-01		Non Hazardous		81
32	SO-TP28-01		Non Hazardous		83
33	SO-TP29-01		Non Hazardous		86
34	SO-TP31-01		Non Hazardous		88
35	SO-TP33-01		Non Hazardous		91
36	SO-SP1-01		Non Hazardous		93
37	SO-TP36-01		Non Hazardous		95
38	SO-TP37-01		Non Hazardous		97
39	SO-TP38-01		Non Hazardous		100
40	SO-TP48-01		Non Hazardous		103

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	105
Appendix B: Rationale for selection of metal species	107
Appendix C: Version	107

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP1-01**


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

**Sample details**

Sample Name: <b>SO-TP1-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				2.6	mg/kg	1.197	3.112	mg/kg	0.000311 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				250	mg/kg	1.7	424.879	mg/kg	0.0425 %		
		231-784-4	7727-37-7									
4	cadmium { cadmium oxide }				0.49	mg/kg	1.142	0.56	mg/kg	0.000056 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				36	mg/kg	1.462	52.616	mg/kg	0.00526 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				67	mg/kg	1.126	75.435	mg/kg	0.00754 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	110	mg/kg	1.56	171.58	mg/kg	0.011 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				45	mg/kg	2.976	133.932	mg/kg	0.0134 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				<2	mg/kg	1.5	<3	mg/kg	<0.0003 %		<LOD
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.17	mg/kg	1.353	0.23	mg/kg	0.000023 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				210	mg/kg	2.469	518.552	mg/kg	0.0519 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				49	mg/kg		49	mg/kg	0.0049 %		
			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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8	pH		8	pH	8pH		
			PH									
20	naphthalene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
		204-371-1	120-12-7									
25	fluoranthene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
		205-912-4	206-44-0									
26	pyrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				0.95	mg/kg		0.95	mg/kg	0.000095 %		
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				0.82	mg/kg		0.82	mg/kg	0.000082 %		
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				0.56	mg/kg		0.56	mg/kg	0.000056 %		
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.141 %		

**Key**

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

---

## Supplementary Hazardous Property Information

---

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

Force this Hazardous property to non hazardous because Haz. Property HP 3(I) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.0049%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP1-02**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP1-02</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %			<LOD
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %			
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				56 mg/kg	1.7	95.173 mg/kg	0.00952 %			
		231-784-4	7727-43-7								
4	cadmium { cadmium oxide }				0.32 mg/kg	1.142	0.366 mg/kg	0.0000366 %			
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]								
5	chromium in chromium(III) compounds { chromium(III) oxide }				20 mg/kg	1.462	29.231 mg/kg	0.00292 %			
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				24 mg/kg	1.126	27.021 mg/kg	0.0027 %			
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	32 mg/kg	1.56	49.914 mg/kg	0.0032 %			
	082-004-00-2	231-846-0	7758-97-6								
9	nickel { nickel chromate }				32 mg/kg	2.976	95.24 mg/kg	0.00952 %			
	028-035-00-7	238-766-5	14721-18-7								
10	molybdenum { molybdenum(VI) oxide }				<2 mg/kg	1.5	<3 mg/kg	<0.0003 %			<LOD
	042-001-00-9	215-204-7	1313-27-5								
11	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %			<LOD
	034-002-00-8										
13	zinc { zinc sulphate }				72 mg/kg	2.469	177.789 mg/kg	0.0178 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				8.4 pH		8.4 pH	8.4 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.0497 %		

**Key**

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

**Classification of sample: SO-TP2-01**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP2-01</b>	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**

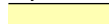



Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				2	mg/kg	1.197	2.634 mg/kg	0.000263 %	
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				21	mg/kg	1.32	27.727 mg/kg	0.00277 %	
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				190	mg/kg	1.7	322.908 mg/kg	0.0323 %	
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				0.48	mg/kg	1.142	0.548 mg/kg	0.0000548 %	
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				33	mg/kg	1.462	48.231 mg/kg	0.00482 %	
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962 mg/kg	<0.0000962 %	<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				52	mg/kg	1.126	58.546 mg/kg	0.00585 %	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	130	mg/kg	1.56	202.776 mg/kg	0.013 %	
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				46	mg/kg	2.976	136.908 mg/kg	0.0137 %	
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.7	mg/kg	1.5	4.051 mg/kg	0.000405 %	
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.271 mg/kg	0.0000271 %	
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511 mg/kg	<0.0000511 %	<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				690	mg/kg	2.469	1703.815 mg/kg	0.17 %	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10 mg/kg	<0.001 %	<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				7.8 pH		7.8 pH	7.8 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
38	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	602-023-00-7	200-831-0	75-01-4								
39	1,2-dichloroethane; ethylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	602-012-00-7	203-458-1	107-06-2								
Total:									0.245 %		


Key

---

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

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**Classification of sample: SO-TP3-01**


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

**Sample details**

Sample Name: <b>SO-TP3-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**


Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				17	mg/kg	1.197	20.351	mg/kg	0.00204 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				35	mg/kg	1.32	46.211	mg/kg	0.00462 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				770	mg/kg	1.7	1308.628	mg/kg	0.131 %		
		231-784-4	7727-63-7									
4	cadmium { cadmium oxide }				1.6	mg/kg	1.142	1.828	mg/kg	0.000183 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				64	mg/kg	1.462	93.54	mg/kg	0.00935 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				270	mg/kg	1.126	303.99	mg/kg	0.0304 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	640	mg/kg	1.56	998.282	mg/kg	0.064 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				79	mg/kg	2.976	235.125	mg/kg	0.0235 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				8.1	mg/kg	1.5	12.152	mg/kg	0.00122 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.33	mg/kg	1.353	0.447	mg/kg	0.0000447 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				940	mg/kg	2.469	2321.139	mg/kg	0.232 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				7.5	pH		7.5	pH	7.5 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
		205-912-4	206-44-0									
26	pyrene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				1	mg/kg		1	mg/kg	0.0001 %		
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				0.91	mg/kg		0.91	mg/kg	0.000091 %		
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				1	mg/kg		1	mg/kg	0.0001 %		
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.5 %		

**Key**

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

**Classification of sample: SO-TP4-01**

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

**Sample details**

Sample Name: <b>SO-TP4-01</b>	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"

Risk phrases hit:

**R50/53** "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinand:

zinc sulphate: (compound conc.: 0.272%)

**Determinands**

Moisture content: **0% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				13	mg/kg	1.197	15.562 mg/kg	0.00156 %		
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				59	mg/kg	1.32	77.899 mg/kg	0.00779 %		
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				490	mg/kg	1.7	832.763 mg/kg	0.0833 %		
		231-784-4	7727-43-7								
4	cadmium { cadmium oxide }				1.2	mg/kg	1.142	1.371 mg/kg	0.000137 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]								
5	chromium in chromium(III) compounds { chromium(III) oxide }				53	mg/kg	1.462	77.462 mg/kg	0.00775 %		
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				260	mg/kg	1.126	292.731 mg/kg	0.0293 %		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	740	mg/kg	1.56	1154.263 mg/kg	0.074 %		
	082-004-00-2	231-846-0	7758-97-6								
9	nickel { nickel chromate }				90	mg/kg	2.976	267.864 mg/kg	0.0268 %		
	028-035-00-7	238-766-5	14721-18-7								
10	molybdenum { molybdenum(VI) oxide }				14	mg/kg	1.5	21.003 mg/kg	0.0021 %		
	042-001-00-9	215-204-7	1313-27-5								
11	mercury { mercury dichloride }				0.8	mg/kg	1.353	1.083 mg/kg	0.000108 %		
	080-010-00-X	231-299-8	7487-94-7								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8										








#	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 sulphate }				1100	mg/kg	2.469	2716.226	mg/kg	0.272 %		
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	pH				7.3	pH		7.3	pH	7.3 pH		
20	naphthalene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
Total:										0.506 %		




Key

---

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

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**Classification of sample: SO-TP5-01**

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

**Sample details**

Sample Name: <b>SO-TP5-01</b>	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:

lead chromate: (Note 1 conc.: 0.11%)

**HP 14: Ecotoxic** "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

**R50/53** "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead chromate: (Note 1 conc.: 0.11%)

zinc sulphate: (compound conc.: 0.161%)

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				9.9	mg/kg	1.197	11.851	mg/kg	0.00119 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				24	mg/kg	1.32	31.688	mg/kg	0.00317 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				410	mg/kg	1.7	696.802	mg/kg	0.0697 %		
		231-784-4	7727-43-7									
4	cadmium { cadmium oxide }				2.7	mg/kg	1.142	3.084	mg/kg	0.000308 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				56	mg/kg	1.462	81.847	mg/kg	0.00818 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				810	mg/kg	1.126	911.97	mg/kg	0.0912 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	1100	mg/kg	1.56	1715.797	mg/kg	0.11 %		
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
9	nickel { nickel chromate }				86	mg/kg	2.976	255.959	mg/kg	0.0256 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				5.6	mg/kg	1.5	8.401	mg/kg	0.00084 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.16	mg/kg	1.353	0.217	mg/kg	0.0000217 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				650	mg/kg	2.469	1605.043	mg/kg	0.161 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				7.9	pH		7.9	pH	7.9 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1							
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1							
			1336-36-3							
Total:								0.472 %		

Key

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

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP6-01**


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

**Sample details**

Sample Name: <b>SO-TP6-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				9.8 mg/kg	1.197	11.732 mg/kg	0.00117 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				31 mg/kg	1.32	40.93 mg/kg	0.00409 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				430 mg/kg	1.7	730.792 mg/kg	0.0731 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				5.3 mg/kg	1.142	6.054 mg/kg	0.000605 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				49 mg/kg	1.462	71.616 mg/kg	0.00716 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				630 mg/kg	1.126	709.31 mg/kg	0.0709 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	380 mg/kg	1.56	592.73 mg/kg	0.038 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				120 mg/kg	2.976	357.152 mg/kg	0.0357 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				7.7 mg/kg	1.5	11.551 mg/kg	0.00116 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.41 mg/kg	1.353	0.555 mg/kg	0.0000555 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				730 mg/kg	2.469	1802.586 mg/kg	0.18 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8	pH		8	pH	8pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.414 %		

**Key**

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

**Classification of sample: SO-TP7-01**


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

**Sample details**

Sample Name: <b>SO-TP7-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				13	mg/kg	1.197	15.562	mg/kg	0.00156 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				30	mg/kg	1.32	39.61	mg/kg	0.00396 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				470	mg/kg	1.7	798.773	mg/kg	0.0799 %		
		231-784-4	7727-63-7									
4	cadmium { cadmium oxide }				2	mg/kg	1.142	2.285	mg/kg	0.000228 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				39	mg/kg	1.462	57.001	mg/kg	0.0057 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				200	mg/kg	1.126	225.178	mg/kg	0.0225 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	310	mg/kg	1.56	483.543	mg/kg	0.031 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				57	mg/kg	2.976	169.647	mg/kg	0.017 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				4.9	mg/kg	1.5	7.351	mg/kg	0.000735 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.42	mg/kg	1.353	0.568	mg/kg	0.0000568 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				560	mg/kg	2.469	1382.806	mg/kg	0.138 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				630	mg/kg		630	mg/kg	0.063 %		
			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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.5	pH		8.5	pH	8.5 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
38	vinyl chloride; chloroethylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
39	1,2-dichloroethane; ethylene dichloride				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-012-00-7	203-458-1	107-06-2									
Total:										0.364 %		

Consent of copyright owner required for any other use.  
 For inspection purposes only.



Key

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

### Supplementary Hazardous Property Information

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

**Force this Hazardous property to non hazardous because** Haz. Property HP 3(i) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:


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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.063%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP8-01**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP8-01</b>	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 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

**Force this Hazardous property to hazardous because** Haz. Property HP 3(i) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.28%)

**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.: 0.28%)

**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.: 0.28%)

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				6.2	mg/kg	1.197	7.422	mg/kg	0.000742 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				23	mg/kg	1.32	30.367	mg/kg	0.00304 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				510	mg/kg	1.7	866.754	mg/kg	0.0867 %		
		231-784-4	7727-43-7									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
4	cadmium { cadmium oxide }				1.1	mg/kg	1.142	1.257	mg/kg	0.000126 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				57	mg/kg	1.462	83.309	mg/kg	0.00833 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				100	mg/kg	1.126	112.589	mg/kg	0.0113 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	260	mg/kg	1.56	405.552	mg/kg	0.026 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				59	mg/kg	2.976	175.6	mg/kg	0.0176 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				3.1	mg/kg	1.5	4.651	mg/kg	0.000465 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.76	mg/kg	1.353	1.029	mg/kg	0.000103 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				540	mg/kg	2.469	1333.42	mg/kg	0.133 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				2800	mg/kg		2800	mg/kg	0.28 %		
			TPH									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
20	naphthalene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		201-695-5	86-73-7									
24	anthracene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
		204-371-1	120-12-7									
25	fluoranthene				6.5	mg/kg		6.5	mg/kg	0.00065 %		
		205-912-4	206-44-0									
26	pyrene				5.3	mg/kg		5.3	mg/kg	0.00053 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				3.4	mg/kg		3.4	mg/kg	0.00034 %		
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				3	mg/kg		3	mg/kg	0.0003 %		
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
		201-581-5	85-01-8									


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
30	benzo[b]fluoranthene				5.4 mg/kg		5.4 mg/kg	0.00054 %		
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				1.9 mg/kg		1.9 mg/kg	0.00019 %		
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				4.1 mg/kg		4.1 mg/kg	0.00041 %		
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				2.5 mg/kg		2.5 mg/kg	0.00025 %		
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				0.47 mg/kg		0.47 mg/kg	0.000047 %		
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				2.2 mg/kg		2.2 mg/kg	0.00022 %		
		205-883-8	191-24-2							
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1							
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
39	1,2-dichloroethane; ethylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
Total:								0.572 %		

**Key**

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

For inspection purposes only. Consent of copyright owner required for any other use.

**Classification of sample: SO-TP9-01**


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

**Sample details**

Sample Name:	LoW Code:
<b>SO-TP9-01</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				6.4 mg/kg	1.197	7.661 mg/kg	0.000766 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				300 mg/kg	1.7	509.855 mg/kg	0.051 %		
		231-784-4	7727-63-7							
4	cadmium { cadmium oxide }				2.9 mg/kg	1.142	3.313 mg/kg	0.000331 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				48 mg/kg	1.462	70.155 mg/kg	0.00702 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				80 mg/kg	1.126	90.071 mg/kg	0.00901 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	260 mg/kg	1.56	405.552 mg/kg	0.026 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				59 mg/kg	2.976	175.6 mg/kg	0.0176 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.73 mg/kg	1.353	0.988 mg/kg	0.0000988 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				570 mg/kg	2.469	1407.499 mg/kg	0.141 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				7.7	pH		7.7	pH	7.7 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.258 %		

**Key**

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

**Classification of sample: SO-TP10-01**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP10-01</b>	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"

Risk phrases hit:

**R50/53** "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinand:

zinc sulphate: (compound conc.: 0.321%)

**Determinands**

Moisture content: **0%** No Moisture Correction applied (MC)






#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				22	mg/kg	1.197	26.336	mg/kg	0.00263 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				61	mg/kg	1.32	80.54	mg/kg	0.00805 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				300	mg/kg	1.7	509.855	mg/kg	0.051 %		
		231-784-4	7727-43-7									
4	cadmium { cadmium oxide }				2.6	mg/kg	1.142	2.97	mg/kg	0.000297 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				68	mg/kg	1.462	99.386	mg/kg	0.00994 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				390	mg/kg	1.126	439.096	mg/kg	0.0439 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	980	mg/kg	1.56	1528.619	mg/kg	0.098 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				120	mg/kg	2.976	357.152	mg/kg	0.0357 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				16	mg/kg	1.5	24.003	mg/kg	0.0024 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.48	mg/kg	1.353	0.65	mg/kg	0.000065 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											

#	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 sulphate }				1300	mg/kg	2.469	3210.085	mg/kg	0.321 %		
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	pH				7.5	pH		7.5	pH	7.5 pH		
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
Total:										0.574 %		




Key

---

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

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**Classification of sample: SO-TP11-01**

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

**Sample details**

Sample Name:	LoW Code:
<b>SO-TP11-01</b>	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:

lead chromate: (Note 1 conc.: 0.17%)

**HP 14: Ecotoxic** "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

**R50/53** "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead chromate: (Note 1 conc.: 0.17%)

zinc sulphate: (compound conc.: 0.37%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				17	mg/kg	1.197	20.351	mg/kg	0.00204 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				46	mg/kg	1.32	60.735	mg/kg	0.00607 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				360	mg/kg	1.7	611.826	mg/kg	0.0612 %		
		231-784-4	7727-43-7									
4	cadmium { cadmium oxide }				3.9	mg/kg	1.142	4.455	mg/kg	0.000446 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				71	mg/kg	1.462	103.77	mg/kg	0.0104 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				560	mg/kg	1.126	630.497	mg/kg	0.063 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	1700	mg/kg	1.56	2651.686	mg/kg	0.17 %		
	082-004-00-2	231-846-0	7758-97-6									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
9	nickel { nickel chromate }				96	mg/kg	2.976	285.721	mg/kg	0.0286 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				14	mg/kg	1.5	21.003	mg/kg	0.0021 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.36	mg/kg	1.353	0.487	mg/kg	0.0000487 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				1500	mg/kg	2.469	3703.945	mg/kg	0.37 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8	pH		8	pH	8pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1							
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1							
			1336-36-3							
Total:								0.716 %		

**Key**

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

For inspection purposes only.  
 Consent of copyright owner required for any other use.

**Classification of sample: SO-TP12-01**


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

**Sample details**

Sample Name: <b>SO-TP12-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				3.2 mg/kg	1.197	3.831 mg/kg	0.000383 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				130 mg/kg	1.7	220.937 mg/kg	0.0221 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				0.39 mg/kg	1.142	0.446 mg/kg	0.0000446 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				44 mg/kg	1.126	49.539 mg/kg	0.00495 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	40 mg/kg	1.56	62.393 mg/kg	0.004 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				97 mg/kg	2.469	239.522 mg/kg	0.024 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.0804 %		

**Key**

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

**Classification of sample: SO-TP12-02**


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

**Sample details**

Sample Name: <b>SO-TP12-02</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				9.7 mg/kg	1.197	11.612 mg/kg	0.00116 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				33 mg/kg	1.32	43.571 mg/kg	0.00436 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				410 mg/kg	1.7	696.802 mg/kg	0.0697 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				2.7 mg/kg	1.142	3.084 mg/kg	0.000308 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				51 mg/kg	1.462	74.539 mg/kg	0.00745 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				200 mg/kg	1.126	225.178 mg/kg	0.0225 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	390 mg/kg	1.56	608.328 mg/kg	0.039 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				85 mg/kg	2.976	252.983 mg/kg	0.0253 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				6.5 mg/kg	1.5	9.751 mg/kg	0.000975 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				770 mg/kg	2.469	1901.358 mg/kg	0.19 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.362 %		

**Key**

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



**Classification of sample: SO-TP13-01**


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

**Sample details**

Sample Name: <b>SO-TP13-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				4.5 mg/kg	1.197	5.387 mg/kg	0.000539 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				230 mg/kg	1.7	390.889 mg/kg	0.0391 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				0.7 mg/kg	1.142	0.8 mg/kg	0.00008 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				37 mg/kg	1.462	54.078 mg/kg	0.00541 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				110 mg/kg	1.126	123.848 mg/kg	0.0124 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	140 mg/kg	1.56	218.374 mg/kg	0.014 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				3.2 mg/kg	1.5	4.801 mg/kg	0.00048 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.28 mg/kg	1.353	0.379 mg/kg	0.0000379 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				340 mg/kg	2.469	839.561 mg/kg	0.084 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				770 mg/kg		770 mg/kg	0.077 %		
			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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.252 %		

**Key**

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

## Supplementary Hazardous Property Information

---

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

Force this Hazardous property to non hazardous because Haz. Property HP 3(I) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.077%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP14-01**

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

**Sample details**

<b>Sample Name:</b> <b>SO-TP14-01</b>	<b>LoW Code:</b> <b>Chapter:</b> <b>Entry:</b>	 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
--	--	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				39 mg/kg	1.197	46.687 mg/kg	0.00467 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				160 mg/kg	1.7	271.923 mg/kg	0.0272 %		
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				0.36 mg/kg	1.142	0.411 mg/kg	0.0000411 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				52 mg/kg	1.126	58.546 mg/kg	0.00585 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	81 mg/kg	1.56	126.345 mg/kg	0.0081 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				41 mg/kg	2.976	122.027 mg/kg	0.0122 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.19 mg/kg	1.353	0.257 mg/kg	0.0000257 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				200 mg/kg	2.469	493.859 mg/kg	0.0494 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1]	95-47-6 [1]								
		203-396-5 [2]	106-42-3 [2]								
		203-576-3 [3]	108-38-3 [3]								
		215-535-7 [4]	1330-20-7 [4]								
19	pH				8 pH		8 pH	8pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				1 mg/kg		1 mg/kg	0.0001 %			
		204-371-1	120-12-7								
25	fluoranthene				0.9 mg/kg		0.9 mg/kg	0.00009 %			
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				0.32 mg/kg		0.32 mg/kg	0.000032 %			
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.117 %		

**Key**

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

**Classification of sample: SO-TP14-02**

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

**Sample details**

Sample Name:	LoW Code:
<b>SO-TP14-02</b>	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 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

**Force this Hazardous property to hazardous because** Haz. Property HP 3(i) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.14%)

**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.: 0.14%)

**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.: 0.14%)

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				20	mg/kg	1.197	23.942	mg/kg	0.00239 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				310	mg/kg	1.7	526.85	mg/kg	0.0527 %		
		231-784-4	7727-43-7									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
4	cadmium { cadmium oxide }				0.72	mg/kg	1.142	0.822	mg/kg	0.0000822 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				40	mg/kg	1.462	58.462	mg/kg	0.00585 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				120	mg/kg	1.126	135.107	mg/kg	0.0135 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	260	mg/kg	1.56	405.552	mg/kg	0.026 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				50	mg/kg	2.976	148.813	mg/kg	0.0149 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				3.5	mg/kg	1.5	5.251	mg/kg	0.000525 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.32	mg/kg	1.353	0.433	mg/kg	0.0000433 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium selenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				320	mg/kg	2.469	790.175	mg/kg	0.079 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				1400	mg/kg		1400	mg/kg	0.14 %		
			TPH									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8	pH		8	pH	8pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		201-695-5	86-73-7									
24	anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		204-371-1	120-12-7									
25	fluoranthene				0.89	mg/kg		0.89	mg/kg	0.000089 %		
		205-912-4	206-44-0									
26	pyrene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				0.85	mg/kg		0.85	mg/kg	0.000085 %		
		201-581-5	85-01-8									


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1							
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
38	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
39	1,2-dichloroethane; ethylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
Total:								0.339 %		

**Key**

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

 For inspection purposes only.  
 Consent of copyright owner required for any other use.



**Classification of sample: SO-TP15-01**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP15-01</b>	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 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

**Force this Hazardous property to hazardous because** Haz. Property HP 3(I) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

**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.: 0.11%)

**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.: 0.11%)

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				4.1	mg/kg	1.197	4.908 mg/kg	0.000491 %		
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				22	mg/kg	1.32	29.047 mg/kg	0.0029 %		
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				240	mg/kg	1.7	407.884 mg/kg	0.0408 %		
		231-784-4	7727-43-7								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
4	cadmium { cadmium oxide }				0.54	mg/kg	1.142	0.617	mg/kg	0.0000617 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				41	mg/kg	1.462	59.924	mg/kg	0.00599 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				75	mg/kg	1.126	84.442	mg/kg	0.00844 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	170	mg/kg	1.56	265.169	mg/kg	0.017 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				49	mg/kg	2.976	145.837	mg/kg	0.0146 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				3.4	mg/kg	1.5	5.101	mg/kg	0.00051 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.25	mg/kg	1.353	0.338	mg/kg	0.0000338 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				210	mg/kg	2.469	518.552	mg/kg	0.0519 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				1100	mg/kg		1100	mg/kg	0.11 %		
			TPH									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8	pH		8	pH	8pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		201-695-5	86-73-7									
24	anthracene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		204-371-1	120-12-7									
25	fluoranthene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
		205-912-4	206-44-0									
26	pyrene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				0.79	mg/kg		0.79	mg/kg	0.000079 %		
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				0.56	mg/kg		0.56	mg/kg	0.000056 %		
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				0.86	mg/kg		0.86	mg/kg	0.000086 %		
		201-581-5	85-01-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
30	benzo[b]fluoranthene				0.78 mg/kg		0.78 mg/kg	0.000078 %		
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				0.32 mg/kg		0.32 mg/kg	0.000032 %		
	601-036-00-5	205-916-6	207-08-9							
32	benzo[a]pyrene; benzo[def]chrysene				0.76 mg/kg		0.76 mg/kg	0.000076 %		
	601-032-00-3	200-028-5	50-32-8							
33	indeno[123-cd]pyrene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
		205-893-2	193-39-5							
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
35	benzo[ghi]perylene				0.49 mg/kg		0.49 mg/kg	0.000049 %		
		205-883-8	191-24-2							
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1							
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
Total:								0.254 %		

**Key**

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

 For inspection purposes only.  
 Consent of copyright owner required for any other use.

**Classification of sample: SO-TP15-02**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP15-02</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				3	mg/kg	1.197	4.07	mg/kg	0.000407 %	
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				15	mg/kg	1.32	19.805	mg/kg	0.00198 %	
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				110	mg/kg	1.7	186.947	mg/kg	0.0187 %	
		231-784-4	7727-43-7								
4	cadmium { cadmium oxide }				0.28	mg/kg	1.142	0.32	mg/kg	0.000032 %	
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]								
5	chromium in chromium(III) compounds { chromium(III) oxide }				34	mg/kg	1.462	49.693	mg/kg	0.00497 %	
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %	<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				34	mg/kg	1.126	38.28	mg/kg	0.00383 %	
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	46	mg/kg	1.56	71.751	mg/kg	0.0046 %	
	082-004-00-2	231-846-0	7758-97-6								
9	nickel { nickel chromate }				42	mg/kg	2.976	125.003	mg/kg	0.0125 %	
	028-035-00-7	238-766-5	14721-18-7								
10	molybdenum { molybdenum(VI) oxide }				<2	mg/kg	1.5	<3	mg/kg	<0.0003 %	<LOD
	042-001-00-9	215-204-7	1313-27-5								
11	mercury { mercury dichloride }				0.12	mg/kg	1.353	0.162	mg/kg	0.0000162 %	
	080-010-00-X	231-299-8	7487-94-7								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %	<LOD
	034-002-00-8										
13	zinc { zinc sulphate }				110	mg/kg	2.469	271.623	mg/kg	0.0272 %	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %	<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				7.7 pH		7.7 pH	7.7 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				0.3 mg/kg		0.3 mg/kg	0.00003 %			
		205-912-4	206-44-0								
26	pyrene				0.31 mg/kg		0.31 mg/kg	0.000031 %			
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				0.13 mg/kg		0.13 mg/kg	0.000013 %			
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.0759 %		

**Key**

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

**Classification of sample: SO-TP16-01**

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

**Sample details**

<b>Sample Name:</b> <b>SO-TP16-01</b>	<b>LoW Code:</b> <b>Chapter:</b> <b>Entry:</b>	 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
--	--	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				74 mg/kg	1.197	16.759 mg/kg	0.00168 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				260 mg/kg	1.7	441.874 mg/kg	0.0442 %		
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				0.91 mg/kg	1.142	1.04 mg/kg	0.000104 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				40 mg/kg	1.462	58.462 mg/kg	0.00585 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				65 mg/kg	1.126	73.183 mg/kg	0.00732 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	150 mg/kg	1.56	233.972 mg/kg	0.015 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				53 mg/kg	2.976	157.742 mg/kg	0.0158 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				3 mg/kg	1.5	4.501 mg/kg	0.00045 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.42 mg/kg	1.353	0.568 mg/kg	0.0000568 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				420 mg/kg	2.469	1037.104 mg/kg	0.104 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				8.1 pH		8.1 pH	8.1 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
		204-371-1	120-12-7								
25	fluoranthene				0.73 mg/kg		0.73 mg/kg	0.000073 %			
		205-912-4	206-44-0								
26	pyrene				0.47 mg/kg		0.47 mg/kg	0.000047 %			
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				0.32 mg/kg		0.32 mg/kg	0.000032 %			
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.199 %		

**Key**

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



**Classification of sample: SO-TP17-01**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP17-01</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				2 mg/kg	1.197	2.993 mg/kg	0.000299 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				150 mg/kg	1.7	254.928 mg/kg	0.0255 %		
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				60 mg/kg	1.126	67.553 mg/kg	0.00676 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	100 mg/kg	1.56	155.982 mg/kg	0.01 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				45 mg/kg	2.976	133.932 mg/kg	0.0134 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.2 mg/kg	1.5	3.3 mg/kg	0.00033 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				260 mg/kg	2.469	642.017 mg/kg	0.0642 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				260 mg/kg		260 mg/kg	0.026 %		
			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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				8.1 pH		8.1 pH	8.1 pH			
			PH								
20	naphthalene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				0.79 mg/kg		0.79 mg/kg	0.000079 %			
		205-912-4	206-44-0								
26	pyrene				0.8 mg/kg		0.8 mg/kg	0.00008 %			
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				0.47 mg/kg		0.47 mg/kg	0.000047 %			
		201-581-5	85-01-1								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.155 %		

**Key**

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

---

## 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 Haz. Property HP 3(l) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.026%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP18-01**

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

**Sample details**

Sample Name: <b>SO-TP18-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				150 mg/kg	1.7	254.928 mg/kg	0.0255 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				0.39 mg/kg	1.142	0.446 mg/kg	0.0000446 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				80 mg/kg	1.126	90.071 mg/kg	0.00901 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	97 mg/kg	1.56	151.302 mg/kg	0.0097 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.33 mg/kg	1.353	0.447 mg/kg	0.0000447 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				220 mg/kg	2.469	543.245 mg/kg	0.0543 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				180 mg/kg		180 mg/kg	0.018 %		
			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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.14 %		

**Key**

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

## Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Haz. Property HP 3(I) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

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

Because of determinand:

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

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP19-01**

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

**Sample details**

Sample Name: <b>SO-TP19-01</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				6.8 mg/kg	1.197	8.14 mg/kg	0.000814 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				320 mg/kg	1.7	543.846 mg/kg	0.0544 %		
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				44 mg/kg	1.462	64.308 mg/kg	0.00643 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				120 mg/kg	1.126	135.107 mg/kg	0.0135 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	180 mg/kg	1.56	280.767 mg/kg	0.018 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				82 mg/kg	2.976	244.054 mg/kg	0.0244 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				5 mg/kg	1.5	7.501 mg/kg	0.00075 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.13 mg/kg	1.353	0.176 mg/kg	0.0000176 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				750 mg/kg	2.469	1851.972 mg/kg	0.185 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				7.7 pH		7.7 pH	7.7 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.309 %		

**Key**

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

**Classification of sample: SO-TP19-02**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP19-02</b>	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: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				7 mg/kg	1.197	8.619 mg/kg	0.000862 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				32 mg/kg	1.32	42.25 mg/kg	0.00423 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				290 mg/kg	1.7	492.86 mg/kg	0.0493 %		
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				2.6 mg/kg	1.142	2.97 mg/kg	0.000297 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				58 mg/kg	1.462	84.77 mg/kg	0.00848 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				170 mg/kg	1.126	191.401 mg/kg	0.0191 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	270 mg/kg	1.56	421.15 mg/kg	0.027 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				80 mg/kg	2.976	238.101 mg/kg	0.0238 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				5.5 mg/kg	1.5	8.251 mg/kg	0.000825 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				640 mg/kg	2.469	1580.35 mg/kg	0.158 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				7.7 pH		7.7 pH	7.7 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-1								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.293 %		

**Key**

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

**Classification of sample: SO-TP20-01**

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

**Sample details**

Sample Name: <b>SO-TP20-01</b>	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"

Risk phrases hit:

**R50/53** "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinand:

zinc sulphate: (compound conc.: 0.889%)

**Determinands**

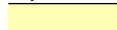




Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			User entered data	Conv. Factor	Compound conc.		Classification value	MIC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }			12 mg/kg	1.197	14.365 mg/kg	0.00144 %			
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }			45 mg/kg	1.32	59.415 mg/kg	0.00594 %			
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }			250 mg/kg	1.7	424.879 mg/kg	0.0425 %			
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }			2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %			
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }			42 mg/kg	1.462	61.385 mg/kg	0.00614 %			
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }			<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD	
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }			110 mg/kg	1.126	123.848 mg/kg	0.0124 %			
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			230 mg/kg	1.56	358.757 mg/kg	0.023 %			
	082-004-00-2	231-846-0	7758-97-6	1						
9	nickel { nickel chromate }			68 mg/kg	2.976	202.386 mg/kg	0.0202 %			
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }			4.3 mg/kg	1.5	6.451 mg/kg	0.000645 %			
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }			0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %			
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }			<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD	
	034-002-00-8									

#	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 sulphate }				3600	mg/kg	2.469	8889.467	mg/kg	0.889 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.1	pH		8.1	pH	8.1 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
		205-912-4	206-44-0									
26	pyrene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-56-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										1.003 %		

Key

---

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

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**Classification of sample: SO-TP20-02**

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

**Sample details**

Sample Name: <b>SO-TP20-02</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				160 mg/kg	1.7	271.923 mg/kg	0.0272 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				0.72 mg/kg	1.142	0.822 mg/kg	0.000822 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				48 mg/kg	1.462	70.155 mg/kg	0.00702 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				51 mg/kg	1.126	57.42 mg/kg	0.00574 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	60 mg/kg	1.56	93.589 mg/kg	0.006 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				57 mg/kg	2.976	169.647 mg/kg	0.017 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				220 mg/kg	2.469	543.245 mg/kg	0.0543 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8	pH		8	pH	8pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.122 %		

**Key**

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

**Classification of sample: SO-TP21-01**


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

**Sample details**

Sample Name: <b>SO-TP21-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				3.5	mg/kg	1.197	4.19	mg/kg	0.000419 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				29	mg/kg	1.32	38.289	mg/kg	0.00383 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				260	mg/kg	1.7	441.874	mg/kg	0.0442 %		
		231-784-4	7727-37-7									
4	cadmium { cadmium oxide }				0.6	mg/kg	1.142	0.685	mg/kg	0.0000685 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				37	mg/kg	1.462	54.078	mg/kg	0.00541 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				160	mg/kg	1.126	180.142	mg/kg	0.018 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	230	mg/kg	1.56	358.757	mg/kg	0.023 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				51	mg/kg	2.976	151.79	mg/kg	0.0152 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				3.2	mg/kg	1.5	4.801	mg/kg	0.00048 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.2	mg/kg	1.353	0.271	mg/kg	0.0000271 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				260	mg/kg	2.469	642.017	mg/kg	0.0642 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				510	mg/kg		510	mg/kg	0.051 %		
			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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				8.3 pH		8.3 pH	8.3 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
25	fluoranthene				0.95 mg/kg		0.95 mg/kg	0.000095 %			
		205-912-4	206-44-0								
26	pyrene				0.92 mg/kg		0.92 mg/kg	0.000092 %			
		204-927-3	129-00-0								
27	benzo[a]anthracene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				0.25 mg/kg		0.25 mg/kg	0.000025 %			
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				0.3 mg/kg		0.3 mg/kg	0.00003 %			
		201-581-5	85-01-8								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-039-00-4	215-648-1	1336-36-3								
38	vinyl chloride; chloroethylene				0.0021 mg/kg		0.0021 mg/kg	0.00000021 %			
	602-023-00-7	200-831-0	75-01-4								
39	1,2-dichloroethane; ethylene dichloride				0.011 mg/kg		0.011 mg/kg	0.0000011 %			
	602-012-00-7	203-458-1	107-06-2								
Total:									0.226 %		

Consent of copyright owner required for any other use.  
 For inspection purposes only.



Key

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

### Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Haz. Property HP 3(i) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

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

Because of determinand:

1,2-dichloroethane; ethylene dichloride: (conc.: 1.1e-06%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.051%)

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

Force this Hazardous property to non hazardous because Haz. Property HP3(iv) 'Flammable' refers to gas

Hazard Statements hit:


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

Because of determinand:

vinyl chloride; chloroethylene: (conc.: 2.1e-07%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP22-01**

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

**Sample details**

Sample Name:	LoW Code:
<b>SO-TP22-01</b>	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:

lead chromate: (Note 1 conc.: 0.11%)

**Determinands**

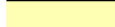
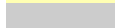



Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				4.2	mg/kg	1.197	5.028	mg/kg	0.000503 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				25	mg/kg	1.32	33.008	mg/kg	0.0033 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				360	mg/kg	1.7	611.826	mg/kg	0.0612 %		
		231-784-4	7727-43-7									
4	cadmium { cadmium oxide }				0.89	mg/kg	1.142	1.017	mg/kg	0.000102 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				38	mg/kg	1.462	55.539	mg/kg	0.00555 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				90	mg/kg	1.126	101.33	mg/kg	0.0101 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	1100	mg/kg	1.56	1715.797	mg/kg	0.11 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				53	mg/kg	2.976	157.742	mg/kg	0.0158 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				3.3	mg/kg	1.5	4.951	mg/kg	0.000495 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.34	mg/kg	1.353	0.46	mg/kg	0.000046 %		
	080-010-00-X	231-299-8	7487-94-7									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2	mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8											
13	zinc { zinc sulphate }				300	mg/kg	2.469	740.789	mg/kg	0.0741 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				350	mg/kg		350	mg/kg	0.035 %		
			TPH									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8	pH		8	pH	8pH		
			PH									
20	naphthalene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		205-912-4	206-44-0									
26	pyrene				0.88	mg/kg		0.88	mg/kg	0.000088 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.317 %		

Key

---

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

---

## Supplementary Hazardous Property Information

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

**Force this Hazardous property to non hazardous because** Haz. Property HP 3(l) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---


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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.035%)

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**Classification of sample: SO-TP23-01**

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

**Sample details**

Sample Name: <b>SO-TP23-01</b>	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"

Risk phrases hit:

**R50/53** "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinand:

zinc sulphate: (compound conc.: 0.272%)

**Determinands**

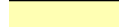
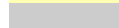



Moisture content: **0%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				3.1 mg/kg	1.197	3.711 mg/kg	0.000371 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				26 mg/kg	1.32	34.328 mg/kg	0.00343 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				290 mg/kg	1.7	492.86 mg/kg	0.0493 %		
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				66 mg/kg	1.126	74.309 mg/kg	0.00743 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	130 mg/kg	1.56	202.776 mg/kg	0.013 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.5 mg/kg	1.5	3.75 mg/kg	0.000375 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.65 mg/kg	1.353	0.88 mg/kg	0.000088 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									

#	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 sulphate }				1100	mg/kg	2.469	2716.226	mg/kg	0.272 %		
14	TPH (C6 to C40) petroleum group				270	mg/kg		270	mg/kg	0.027 %		
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
19	pH				7.9	pH		7.9	pH	7.9 pH		
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
Total:										0.394 %		

Key

---

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

---

### Supplementary Hazardous Property Information

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

**Force this Hazardous property to non hazardous because** Haz. Property HP 3(i) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.027%)

*For inspection purposes only.  
Consent of copyright owner required for any other use.*

**Classification of sample: SO-TP25-01**

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

**Sample details**

<b>Sample Name:</b> <b>SO-TP25-01</b>	<b>LoW Code:</b> <b>Chapter:</b> <b>Entry:</b>	 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
--	--	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %			<LOD
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				13 mg/kg	1.32	17.164 mg/kg	0.00172 %			
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				72 mg/kg	1.7	122.365 mg/kg	0.0122 %			
		231-784-4	7727-43-7								
4	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %			<LOD
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]								
5	chromium in chromium(III) compounds { chromium(III) oxide }				31 mg/kg	1.462	45.308 mg/kg	0.00453 %			
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				24 mg/kg	1.126	27.021 mg/kg	0.0027 %			
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	24 mg/kg	1.56	37.436 mg/kg	0.0024 %			
	082-004-00-2	231-846-0	7758-97-6								
9	nickel { nickel chromate }				34 mg/kg	2.976	101.193 mg/kg	0.0101 %			
	028-035-00-7	238-766-5	14721-18-7								
10	molybdenum { molybdenum(VI) oxide }				<2 mg/kg	1.5	<3 mg/kg	<0.0003 %			<LOD
	042-001-00-9	215-204-7	1313-27-5								
11	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %			<LOD
	034-002-00-8										
13	zinc { zinc sulphate }				62 mg/kg	2.469	153.096 mg/kg	0.0153 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
14	TPH (C6 to C40) petroleum group				59 mg/kg		59 mg/kg	0.0059 %			
			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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				7.4 pH		7.4 pH	7.4 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.0558 %		

**Key**

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

---

### Supplementary Hazardous Property Information

---

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

**Force this Hazardous property to non hazardous because** Haz. Property HP 3(l) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---

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


Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.0059%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP27-01**


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

**Sample details**

Sample Name: <b>SO-TP27-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				83 mg/kg	1.7	141.06 mg/kg	0.0141 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				36 mg/kg	1.462	52.616 mg/kg	0.00526 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				27 mg/kg	1.126	30.399 mg/kg	0.00304 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	29 mg/kg	1.56	45.235 mg/kg	0.0029 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				38 mg/kg	2.976	113.098 mg/kg	0.0113 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				<2 mg/kg	1.5	<3 mg/kg	<0.0003 %		<LOD
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				72 mg/kg	2.469	177.789 mg/kg	0.0178 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				7.5	pH		7.5	pH	7.5 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.058 %		

**Key**

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

**Classification of sample: SO-TP28-01**


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

**Sample details**

Sample Name: <b>SO-TP28-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				650 mg/kg	1.7	1104.686 mg/kg	0.11 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				0.46 mg/kg	1.142	0.525 mg/kg	0.0000525 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				49 mg/kg	1.462	71.616 mg/kg	0.00716 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				39 mg/kg	1.126	43.91 mg/kg	0.00439 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	600 mg/kg	1.56	935.889 mg/kg	0.06 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				46 mg/kg	2.976	136.908 mg/kg	0.0137 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.1 mg/kg	1.5	3.15 mg/kg	0.000315 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				470 mg/kg	2.469	1160.569 mg/kg	0.116 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				160 mg/kg		160 mg/kg	0.016 %		
			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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		204-371-1	120-12-7									
25	fluoranthene				2	mg/kg		2	mg/kg	0.0002 %		
		205-912-4	206-44-0									
26	pyrene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				0.81	mg/kg		0.81	mg/kg	0.000081 %		
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.332 %		

**Key**

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

## Supplementary Hazardous Property Information

---

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

Force this Hazardous property to non hazardous because Haz. Property HP 3(I) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.016%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP29-01**


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

**Sample details**

<b>Sample Name:</b> <b>SO-TP29-01</b>	<b>LoW Code:</b> <b>Chapter:</b> <b>Entry:</b>	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
--	--	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %			<LOD
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				15 mg/kg	1.32	19.805 mg/kg	0.00198 %			
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				95 mg/kg	1.7	161.454 mg/kg	0.0161 %			
		231-784-4	7727-43-7								
4	cadmium { cadmium oxide }				0.18 mg/kg	1.142	0.206 mg/kg	0.0000206 %			
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]								
5	chromium in chromium(III) compounds { chromium(III) oxide }				32 mg/kg	1.462	46.77 mg/kg	0.00468 %			
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				25 mg/kg	1.126	28.147 mg/kg	0.00281 %			
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	44 mg/kg	1.56	68.632 mg/kg	0.0044 %			
	082-004-00-2	231-846-0	7758-97-6								
9	nickel { nickel chromate }				36 mg/kg	2.976	107.146 mg/kg	0.0107 %			
	028-035-00-7	238-766-5	14721-18-7								
10	molybdenum { molybdenum(VI) oxide }				<2 mg/kg	1.5	<3 mg/kg	<0.0003 %			<LOD
	042-001-00-9	215-204-7	1313-27-5								
11	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %			<LOD
	034-002-00-8										
13	zinc { zinc sulphate }				84 mg/kg	2.469	207.421 mg/kg	0.0207 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				7.5 pH		7.5 pH	7.5 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.0634 %		

**Key**

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

**Classification of sample: SO-TP31-01**


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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP31-01</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %			<LOD
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				22 mg/kg	1.32	29.047 mg/kg	0.0029 %			
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				110 mg/kg	1.7	186.947 mg/kg	0.0187 %			
		231-784-4	7727-43-7								
4	cadmium { cadmium oxide }				0.27 mg/kg	1.142	0.308 mg/kg	0.0000308 %			
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]								
5	chromium in chromium(III) compounds { chromium(III) oxide }				39 mg/kg	1.462	57.001 mg/kg	0.0057 %			
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				28 mg/kg	1.126	31.525 mg/kg	0.00315 %			
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	30 mg/kg	1.56	46.794 mg/kg	0.003 %			
	082-004-00-2	231-846-0	7758-97-6								
9	nickel { nickel chromate }				47 mg/kg	2.976	139.884 mg/kg	0.014 %			
	028-035-00-7	238-766-5	14721-18-7								
10	molybdenum { molybdenum(VI) oxide }				<2 mg/kg	1.5	<3 mg/kg	<0.0003 %			<LOD
	042-001-00-9	215-204-7	1313-27-5								
11	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %			<LOD
	034-002-00-8										
13	zinc { zinc sulphate }				84 mg/kg	2.469	207.421 mg/kg	0.0207 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
14	TPH (C6 to C40) petroleum group				300 mg/kg		300 mg/kg	0.03 %			
			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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				8 pH		8 pH	8pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.0991 %		

**Key**

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

## Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Haz. Property HP 3(l) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.03%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP33-01**

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

**Sample details**

Sample Name: <b>SO-TP33-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				6.3 mg/kg	1.197	7.542 mg/kg	0.000754 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				180 mg/kg	1.7	305.913 mg/kg	0.0306 %		
		231-784-4	7727-63-7							
4	cadmium { cadmium oxide }				3.8 mg/kg	1.142	4.341 mg/kg	0.000434 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				43 mg/kg	1.462	62.847 mg/kg	0.00628 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				68 mg/kg	1.126	76.56 mg/kg	0.00766 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	110 mg/kg	1.56	171.58 mg/kg	0.011 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				51 mg/kg	2.976	151.79 mg/kg	0.0152 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				6.3 mg/kg	1.5	9.451 mg/kg	0.000945 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511 mg/kg	<0.0000511 %		<LOD
	034-002-00-8									
13	zinc { zinc sulphate }				240 mg/kg	2.469	592.631 mg/kg	0.0593 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.5	pH		8.5	pH	8.5 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.137 %		

**Key**

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

**Classification of sample: SO-SP1-01**

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

**Sample details**

Sample Name: <b>SO-SP1-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	antimony { antimony trioxide }				6.9 mg/kg	1.197	8.26	mg/kg	0.000826 %		
	051-005-00-X	215-175-0	1309-64-4								
2	arsenic { arsenic trioxide }				36 mg/kg	1.32	47.532	mg/kg	0.00475 %		
	033-003-00-0	215-481-4	1327-53-3								
3	barium { barium sulfate }				480 mg/kg	1.7	815.768	mg/kg	0.0816 %		
		231-784-4	7727-83-7								
4	cadmium { cadmium oxide }				1.8 mg/kg	1.142	2.056	mg/kg	0.000206 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]								
5	chromium in chromium(III) compounds { chromium(III) oxide }				48 mg/kg	1.462	70.155	mg/kg	0.00702 %		
		215-160-9	1308-38-9								
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
7	copper { dicopper oxide; copper (I) oxide }				430 mg/kg	1.126	484.132	mg/kg	0.0484 %		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead chromate }			1	520 mg/kg	1.56	811.104	mg/kg	0.052 %		
	082-004-00-2	231-846-0	7758-97-6								
9	nickel { nickel chromate }				71 mg/kg	2.976	211.315	mg/kg	0.0211 %		
	028-035-00-7	238-766-5	14721-18-7								
10	molybdenum { molybdenum(VI) oxide }				4.9 mg/kg	1.5	7.351	mg/kg	0.000735 %		
	042-001-00-9	215-204-7	1313-27-5								
11	mercury { mercury dichloride }				0.22 mg/kg	1.353	0.298	mg/kg	0.0000298 %		
	080-010-00-X	231-299-8	7487-94-7								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.2 mg/kg	2.554	<0.511	mg/kg	<0.0000511 %		<LOD
	034-002-00-8										
13	zinc { zinc sulphate }				560 mg/kg	2.469	1382.806	mg/kg	0.138 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10	mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.3	pH		8.3	pH	8.3 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.356 %		

**Key**

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



**Classification of sample: SO-TP36-01**

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

**Sample details**

Sample Name: <b>SO-TP36-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	antimony { antimony trioxide }				2.5	mg/kg	1.197	2.993	mg/kg	0.000299 %		
	051-005-00-X	215-175-0	1309-64-4									
2	arsenic { arsenic trioxide }				22	mg/kg	1.32	29.047	mg/kg	0.0029 %		
	033-003-00-0	215-481-4	1327-53-3									
3	barium { barium sulfate }				120	mg/kg	1.7	203.942	mg/kg	0.0204 %		
		231-784-4	7727-37-7									
4	cadmium { cadmium oxide }				0.73	mg/kg	1.142	0.834	mg/kg	0.0000834 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]									
5	chromium in chromium(III) compounds { chromium(III) oxide }				26	mg/kg	1.462	38	mg/kg	0.0038 %		
		215-160-9	1308-38-9									
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962	mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
7	copper { dicopper oxide; copper (I) oxide }				47	mg/kg	1.126	52.917	mg/kg	0.00529 %		
	029-002-00-X	215-270-7	1317-39-1									
8	lead { lead chromate }			1	45	mg/kg	1.56	70.192	mg/kg	0.0045 %		
	082-004-00-2	231-846-0	7758-97-6									
9	nickel { nickel chromate }				47	mg/kg	2.976	139.884	mg/kg	0.014 %		
	028-035-00-7	238-766-5	14721-18-7									
10	molybdenum { molybdenum(VI) oxide }				2.1	mg/kg	1.5	3.15	mg/kg	0.000315 %		
	042-001-00-9	215-204-7	1313-27-5									
11	mercury { mercury dichloride }				0.71	mg/kg	1.353	0.961	mg/kg	0.0000961 %		
	080-010-00-X	231-299-8	7487-94-7									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.7	mg/kg	2.554	1.788	mg/kg	0.000179 %		
	034-002-00-8											
13	zinc { zinc sulphate }				110	mg/kg	2.469	271.623	mg/kg	0.0272 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
14	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				8.2	pH		8.2	pH	8.2 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.0803 %		

**Key**

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

**Classification of sample: SO-TP37-01**

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

**Sample details**

Sample Name: <b>SO-TP37-01</b>	LoW Code: Chapter: Entry:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites) 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
-----------------------------------	---------------------------------	--

**Hazard properties**

None identified

**Determinands**

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				2.7 mg/kg	1.197	3.232 mg/kg	0.000323 %		
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				160 mg/kg	1.7	271.923 mg/kg	0.0272 %		
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				26 mg/kg	1.462	38 mg/kg	0.0038 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				48 mg/kg	1.126	54.043 mg/kg	0.0054 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	74 mg/kg	1.56	115.426 mg/kg	0.0074 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				2.7 mg/kg	1.5	4.051 mg/kg	0.000405 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.73 mg/kg	2.554	1.864 mg/kg	0.000186 %		
	034-002-00-8									
13	zinc { zinc sulphate }				210 mg/kg	2.469	518.552 mg/kg	0.0519 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				32 mg/kg		32 mg/kg	0.0032 %		
			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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		205-912-4	206-44-0									
26	pyrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.115 %		

**Key**

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

## Supplementary Hazardous Property Information

---

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

Force this Hazardous property to non hazardous because Haz. Property HP 3(I) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

---

**Fam. Liq. 3; H226** "Flammable liquid and vapour."

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.0032%)

For inspection purposes only.  
Consent of copyright owner required for any other use.

**Classification of sample: SO-TP38-01**

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

**Sample details**

Sample Name:	LoW Code:	
<b>SO-TP38-01</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				3	mg/kg	1.197	4.669 mg/kg	0.000467 %	
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				22	mg/kg	1.32	29.047 mg/kg	0.0029 %	
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				210	mg/kg	1.7	356.899 mg/kg	0.0357 %	
		231-784-4	7727-43-7							
4	cadmium { cadmium oxide }				1.4	mg/kg	1.142	1.599 mg/kg	0.00016 %	
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				41	mg/kg	1.462	59.924 mg/kg	0.00599 %	
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5	mg/kg	1.923	<0.962 mg/kg	<0.0000962 %	<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				97	mg/kg	1.126	109.211 mg/kg	0.0109 %	
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	140	mg/kg	1.56	218.374 mg/kg	0.014 %	
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				53	mg/kg	2.976	157.742 mg/kg	0.0158 %	
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				3.1	mg/kg	1.5	4.651 mg/kg	0.000465 %	
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				0.44	mg/kg	1.353	0.596 mg/kg	0.0000596 %	
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				0.93	mg/kg	2.554	2.375 mg/kg	0.000237 %	
	034-002-00-8									
13	zinc { zinc sulphate }				500	mg/kg	2.469	1234.648 mg/kg	0.123 %	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				11	mg/kg		11 mg/kg	0.0011 %	
			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								
15	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
16	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
17	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
18	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
19	pH				7.7 pH		7.7 pH	7.7 pH			
			PH								
20	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
21	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-917-1	208-96-8								
22	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-469-6	83-32-9								
23	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-695-5	86-73-7								
24	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-371-1	120-12-7								
25	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-912-4	206-44-0								
26	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		204-927-3	129-00-0								
27	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-033-00-9	200-280-6	56-55-3								
28	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-048-00-0	205-923-4	218-01-9								
29	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		201-581-5	85-01-9								
30	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-036-00-5	205-916-6	207-08-9								
32	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-032-00-3	200-028-5	50-32-8								
33	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-893-2	193-39-5								
34	dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	601-041-00-2	200-181-8	53-70-3								
35	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-883-8	191-24-2								
36	coronene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		205-881-7	191-07-1								
37	polychlorobiphenyls; PCB				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
	602-039-00-4	215-648-1	1336-36-3								
Total:									0.212 %		

**Key**

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

## Supplementary Hazardous Property Information

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

**Force this Hazardous property to non hazardous because** Haz. Property HP 3(l) 'Flammable' refers to liquid substances as opposed to solid substances

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0011%)

For inspection purposes only.  
Consent of copyright owner required for any other use.



**Classification of sample: SO-TP48-01**

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

**Sample details**

Sample Name: <b>SO-TP48-01</b>	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: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
	051-005-00-X	215-175-0	1309-64-4							
2	arsenic { arsenic trioxide }				28 mg/kg	1.32	36.969 mg/kg	0.0037 %		
	033-003-00-0	215-481-4	1327-53-3							
3	barium { barium sulfate }				100 mg/kg	1.7	169.952 mg/kg	0.017 %		
		231-784-4	7727-37-7							
4	cadmium { cadmium oxide }				1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
	048-002-00-0	231-152-8 [1] 215-146-2 [2]	7440-43-9 [1] 1306-19-0 [2]							
5	chromium in chromium(III) compounds { chromium(III) oxide }				43 mg/kg	1.462	62.847 mg/kg	0.00628 %		
		215-160-9	1308-38-9							
6	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.5 mg/kg	1.923	<0.962 mg/kg	<0.0000962 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
7	copper { dicopper oxide; copper (I) oxide }				28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
	029-002-00-X	215-270-7	1317-39-1							
8	lead { lead chromate }			1	23 mg/kg	1.56	35.876 mg/kg	0.0023 %		
	082-004-00-2	231-846-0	7758-97-6							
9	nickel { nickel chromate }				47 mg/kg	2.976	139.884 mg/kg	0.014 %		
	028-035-00-7	238-766-5	14721-18-7							
10	molybdenum { molybdenum(VI) oxide }				3.1 mg/kg	1.5	4.651 mg/kg	0.000465 %		
	042-001-00-9	215-204-7	1313-27-5							
11	mercury { mercury dichloride }				<0.1 mg/kg	1.353	<0.135 mg/kg	<0.0000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
	034-002-00-8									
13	zinc { zinc sulphate }				74 mg/kg	2.469	182.728 mg/kg	0.0183 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
14	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<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									
15	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
16	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
17	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
18	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
20	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
21	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
22	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
23	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
24	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
25	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
26	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
27	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
28	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
29	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
30	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
33	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
34	dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
35	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
36	coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-881-7	191-07-1									
37	polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
Total:										0.0672 %		

**Key**

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

## Appendix A: Classifier defined and non CLP determinands

### • **barium sulfate** (EC Number: 231-784-4, CAS Number: 7727-43-7)

Conversion factor: 1.7

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: 17/07/2015

Risk Phrases: R20/22 , R33 , R36/37/38

Hazard Statements: Acute Tox. 4 H332 , Acute Tox. 4 H302 , STOT RE 2 H373 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

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

Conversion factor: 1.462

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17/07/2015

Risk Phrases: R20 , R22 , R36 , R37 , R38 , R42 , R43 , R50/53 , R60 , R61

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

### • **dicopper oxide; copper (I) oxide** (EC Number: 215-270-7, CAS Number: 1317-39-1)

CLP index number: 029-002-00-X

Description/Comments: M-factor for long-term aquatic hazard not included as per paragraph (5), ATP9

Data source: Regulation (EU) 2016/1179 of 19 July 2016 (ATP9)

Additional Risk Phrases: N R50/53 , N R50/53 >= 0.25 %

Additional Hazard Statement(s): None.

Reason for additional Hazards Statement(s)/Risk Phrase(s):

10/10/2016 - N R50/53 risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

10/10/2016 - N R50/53 >= 0.25 % risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

### • **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: 25/05/2015

Risk Phrases: R10 , R45 , R46 , R51/53 , R63 , R65

Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 3 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

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

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 Risk Phrases: None.

Additional Hazard Statement(s): Carc. 2 H351

Reason for additional Hazards Statement(s)/Risk Phrase(s):

03/06/2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

### • **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25/05/2015

Risk Phrases: None.

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17/07/2015

Risk Phrases: R22 , R26 , R27 , R36 , R37 , R38

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: 17/07/2015  
Risk Phrases: R36 , R37 , R38 , N R50/53 , N R51/53  
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: 06/08/2015  
Risk Phrases: N R50/53  
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

• **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: 17/07/2015  
Risk Phrases: R36 , R37 , R38 , R43 , N R50/53  
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: 21/08/2015  
Risk Phrases: Xn R22 , N R50/53  
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: 21/08/2015  
Risk Phrases: Xi R36/37/38 , N R50/53  
Hazard Statements: Skin Irrit. 2 H315 , Eye Irrit. 2 H319 , STOT SE 3 H335 , 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: 06/08/2015  
Risk Phrases: R22 , R36 , R37 , R38 , R40 , R43 , N R50/53  
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

• **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: 06/08/2015  
Risk Phrases: R40  
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: 23/07/2015  
Risk Phrases: N R50/53  
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

• **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: 16/06/2014  
Risk Phrases: R68/20  
Hazard Statements: STOT SE 2 H371

• **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 Risk Phrases: None.

Additional Hazard Statement(s): Carc. 1A H350

Reason for additional Hazards Statement(s)/Risk Phrase(s):

29/09/2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

## Appendix B: Rationale for selection of metal species

### antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility.

### arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic.

### barium {barium sulfate}

High levels of sulphate in samples

### cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water.

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

Reasonable case species based on hazard statements/molecular weight

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

Worst case CLP species based on hazard statements/molecular weight.

### copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water.

### lead {lead chromate}

Worst case CLP species based on hazard statements/molecular weight

### nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight

### molybdenum {molybdenum(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight

### mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight

### selenium {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case.

### zinc {zinc sulphate}

Selected on the basis of the high concentration of sulphides within the samples

## Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition, May 2015

HazWasteOnline Classification Engine Version: 2018.30.3501.7153 (30 Jan 2018)

HazWasteOnline Database: 2018.30.3501.7153 (30 Jan 2018)

This classification utilises the following guidance and legislation:

- WM3 - Waste Classification** - May 2015
- CLP Regulation** - Regulation 1272/2008/EC of 16 December 2008
- 1st ATP** - Regulation 790/2009/EC of 10 August 2009
- 2nd ATP** - Regulation 286/2011/EC of 10 March 2011
- 3rd ATP** - Regulation 618/2012/EU of 10 July 2012
- 4th ATP** - Regulation 487/2013/EU of 8 May 2013
- Correction to 1st ATP** - Regulation 758/2013/EU of 7 August 2013
- 5th ATP** - Regulation 944/2013/EU of 2 October 2013
- 6th ATP** - Regulation 605/2014/EU of 5 June 2014
- WFD Annex III replacement** - Regulation 1357/2014/EU of 18 December 2014
- Revised List of Wastes 2014** - Decision 2014/955/EU of 18 December 2014
- 7th ATP** - Regulation 2015/1221/EU of 24 July 2015
- 8th ATP** - Regulation (EU) 2016/918 of 19 May 2016
- 9th ATP** - Regulation (EU) 2016/1179 of 19 July 2016
- 10th ATP** - Regulation (EU) 2017/776 of 4 May 2017
- POPs Regulation 2004** - Regulation 850/2004/EC of 29 April 2004
- 1st ATP to POPs Regulation** - Regulation 756/2010/EU of 24 August 2010
- 2nd ATP to POPs Regulation** - Regulation 757/2010/EU of 24 August 2010

*For inspection purposes only.  
Consent of copyright owner required for any other use.*