

**CL:AIRE General Assessment Criteria:
Volatile and Semi-Volatile Organic Compounds**

Contaminant	Residential (mg/kg)	Residential without plant uptake (mg/kg)	Allotment (mg/kg)	Commercial (mg/kg)
Biphenyl				
1.0% SOM	66*	220*	14	18000*
2.5% SOM	160	500*	35	33000*
6.0% SOM	360	980*	83	48000*
Bis (2-ethylhexyl) phthalate				
1.0% SOM	280*	2700*	47*	85000*
2.5% SOM	610*	2800*	120*	86000*
6.0% SOM	1100*	2800*	280*	86000*
Bromobenzene				
1.0% SOM	0.87	0.91	3.2	97
2.5% SOM	2.0	2.1	7.6	220
6.0% SOM	4.7	4.9	18	520
Bromodichloromethane				
1.0% SOM	0.016	0.019	0.016	2.1
2.5% SOM	0.030	0.034	0.032	3.7
6.0% SOM	0.061	0.070	0.068	7.6
Bromoform				
1.0% SOM	2.8	5.2	0.95	760
2.5% SOM	5.9	11	2.1	1500
6.0% SOM	13	23	4.6	3100
Butyl benzyl phthalate				
1.0% SOM	1400*	42000*	220*	940000*
2.5% SOM	3300*	44000*	550*	940000*
6.0% SOM	7200*	44000*	1300*	950000*
Chloroethane				
1.0% SOM	8.3	8.4	110	960
2.5% SOM	11	11	200	1300
6.0% SOM	18	18	380	2100
Chloromethane				
1.0% SOM	0.0083	0.0085	0.066	1.0
2.5% SOM	0.0098	0.0099	0.13	1.2
6.0% SOM	0.013	0.013	0.23	1.6
Cis 1,2 Dichloroethene				
1.0% SOM	0.11	0.12	0.26	14
2.5% SOM	0.19	0.20	0.50	24
6.0% SOM	0.37	0.39	1.0	47

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**CL:AIRE General Assessment Criteria:
Volatile and Semi-Volatile Organic Compounds**

Contaminant	Residential (mg/kg)	Residential without plant uptake (mg/kg)	Allotment (mg/kg)	Commercial (mg/kg)
Dichloromethane				
1.0% SOM	0.58	2.10	0.10	270
2.5% SOM	0.98	2.80	0.19	360
6.0% SOM	1.70	4.50	0.34	560
Diethyl Phthalate				
1.0% SOM	120*	1800*	19*	150000*
2.5% SOM	260*	3500*	41*	220000*
6.0% SOM	570*	6300*	94*	290000*
Di-n-butyl phthalate				
1.0% SOM	13*	450*	2.00	15000*
2.5% SOM	31*	450*	5.00	15000*
6.0% SOM	67*	450*	12	15000*
Di-n-octyl phthalate				
1.0% SOM	2300*	3400*	940*	89000*
2.5% SOM	2800*	3400*	2100*	89000*
6.0% SOM	3100*	3400*	3900*	89000*
Hexachloroethane				
1.0% SOM	0.20	0.22	0.27	22*
2.5% SOM	0.48	0.54	0.67	53*
6.0% SOM	1.10	1.30	1.60	120*
Isopropylbenzene				
1.0% SOM	11	12	32	1400*
2.5% SOM	27	28	79	3300*
6.0% SOM	64	67	190	7700*
Methyl tert-butyl ether				
1.0% SOM	49	73	23	7900
2.5% SOM	84	120	44	13000
6.0% SOM	160	220	90	24000
Propylbenzene				
1.0% SOM	34	40	34	4100*
2.5% SOM	82	97	83	9700*
6.0% SOM	190	230	200	21000*
Styrene				
1.0% SOM	8.10	35	1.60	3300*
2.5% SOM	19	78	3.70	6500*
6.0% SOM	43	170	8.70	11000*

Cont'd Overleaf:

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**CL:AIRE General Assessment Criteria:
Volatile and Semi-Volatile Organic Compounds**

Contaminant	Residential (mg/kg)	Residential without plant uptake (mg/kg)	Allotment (mg/kg)	Commercial (mg/kg)
Total Cresols (2-, 3-, and 4-methylphenol)				
1.0% SOM	80	3700	12	160000
2.5% SOM	180	5400	27	180000*
6.0% SOM	400	6900	63	180000*
Trans 1,2 Dichloroethene				
1.0% SOM	0.19	0.19	0.93	22
2.5% SOM	0.34	0.35	1.90	40
6.0% SOM	0.70	0.71	0.24	81
Tributyl tin oxide				
1.0% SOM	0.25	1.40	0.042	130*
2.5% SOM	0.59	3.10	0.100	180*
6.0% SOM	1.30	5.70	0.240	200*

Notes: *Soil concentration above soil saturation limit

APPENDIX E
CLAIRE Statistical Analysis

Test Results

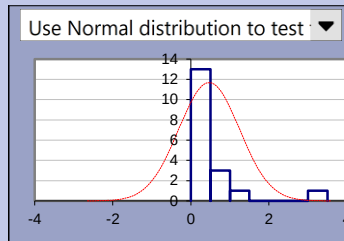
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Date: 26-Apr-2018

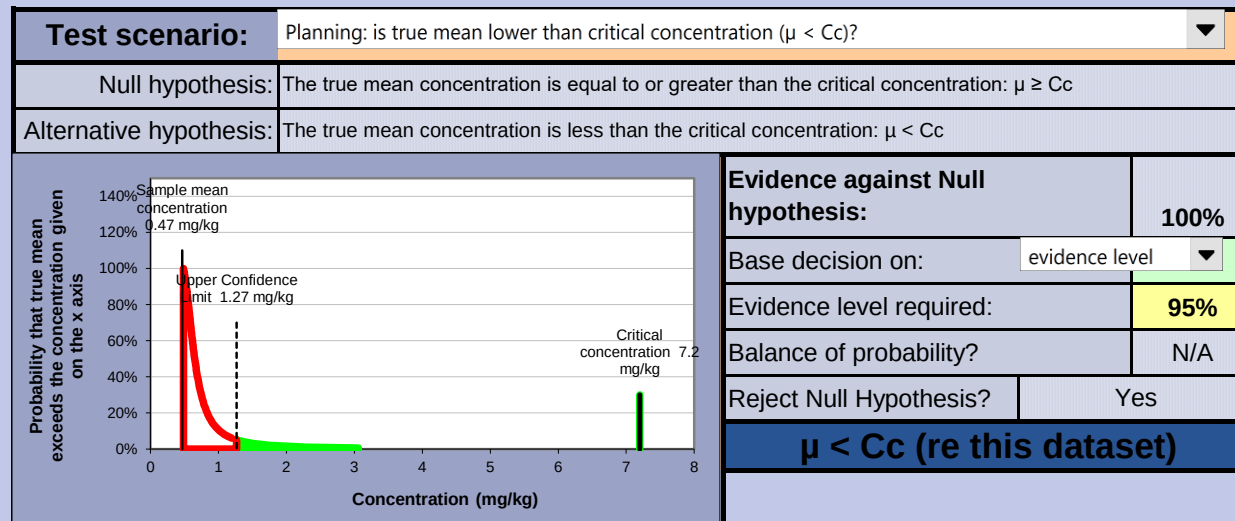
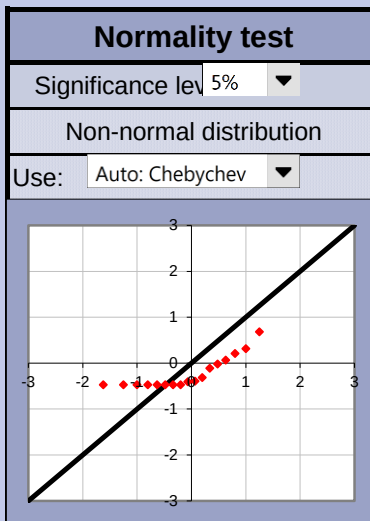
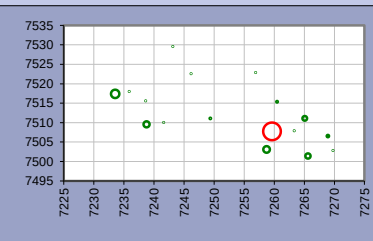
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	BaF (mg/kg)
Sample mean, $\bar{x}$, (mg/kg)	0.4678
Sample standard deviation, s	0.779
Sample size, n	18
Critical concentration, Cc (mg/kg)	7.2



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

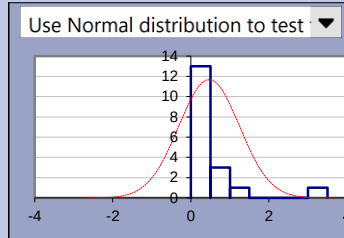
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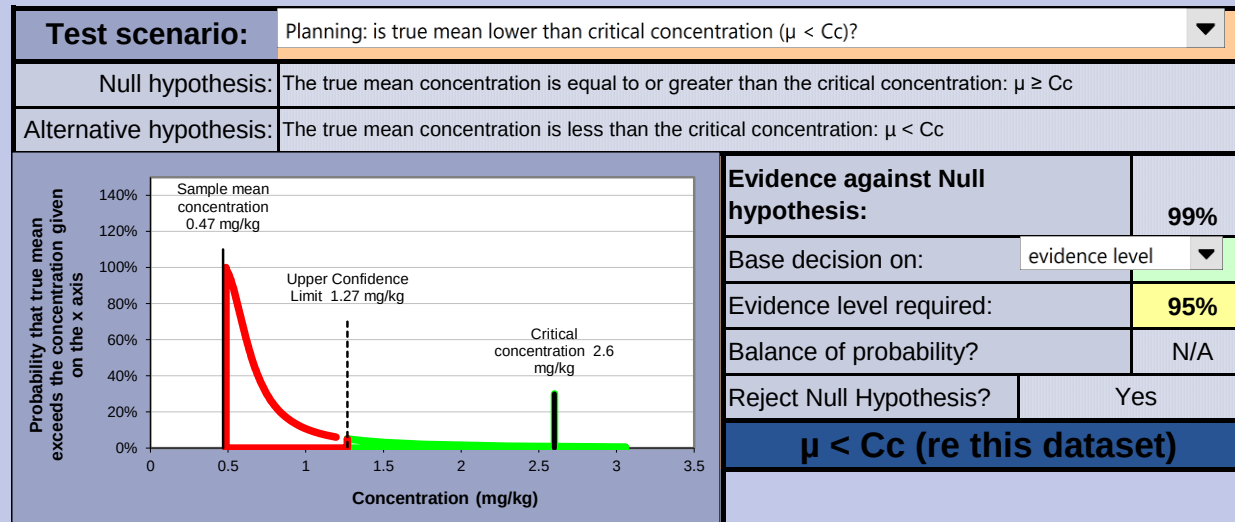
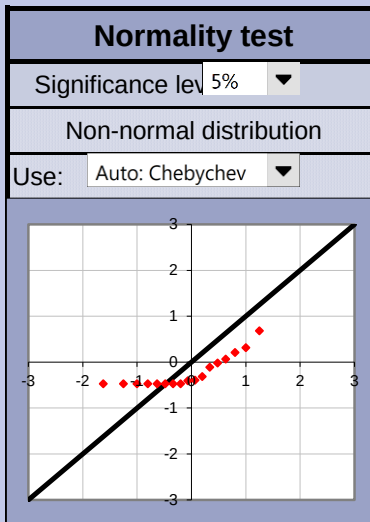
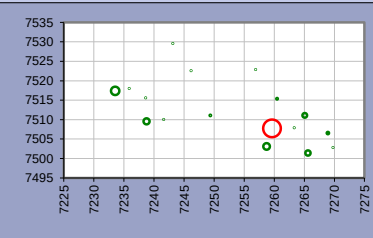
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	BaF (mg/kg)
Sample mean, $\bar{x}$, (mg/kg)	0.4678
Sample standard deviation, s	0.779
Sample size, n	18
Critical concentration, Cc (mg/kg)	2.6



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



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Back to summary

Go to outlier test

Go to normality test

Test Results

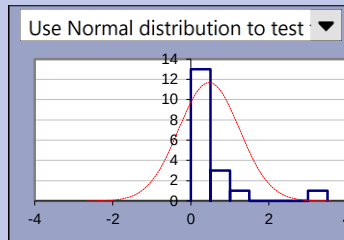
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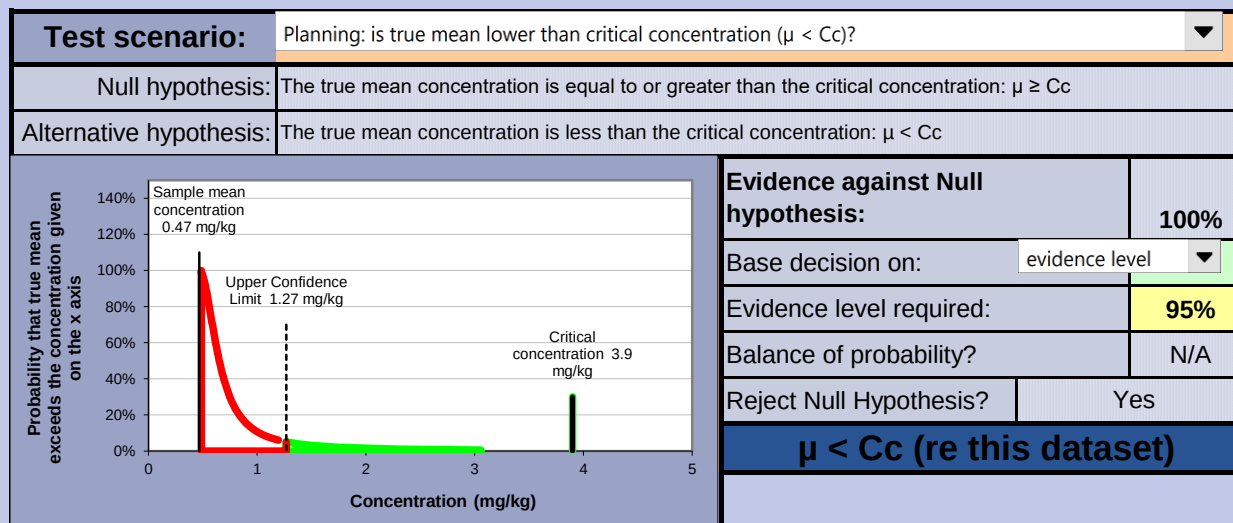
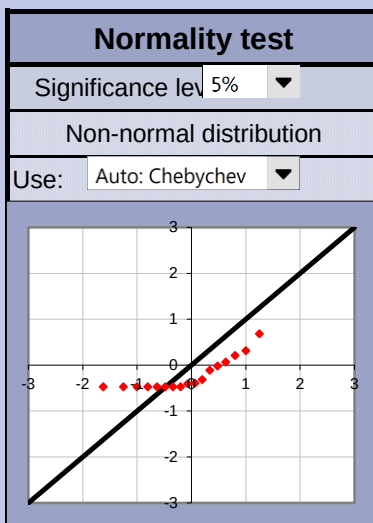
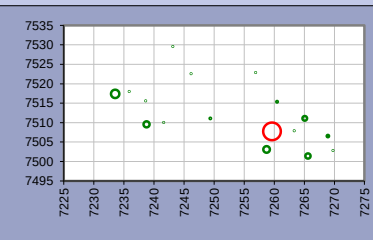
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Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	BaF (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	0.4678
Sample standard deviation, s	0.779
Sample size, n	18
Critical concentration, Cc (mg/kg)	3.9



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

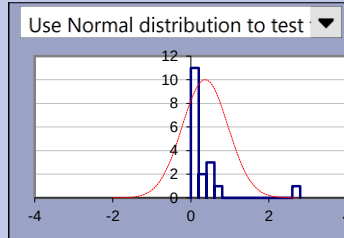
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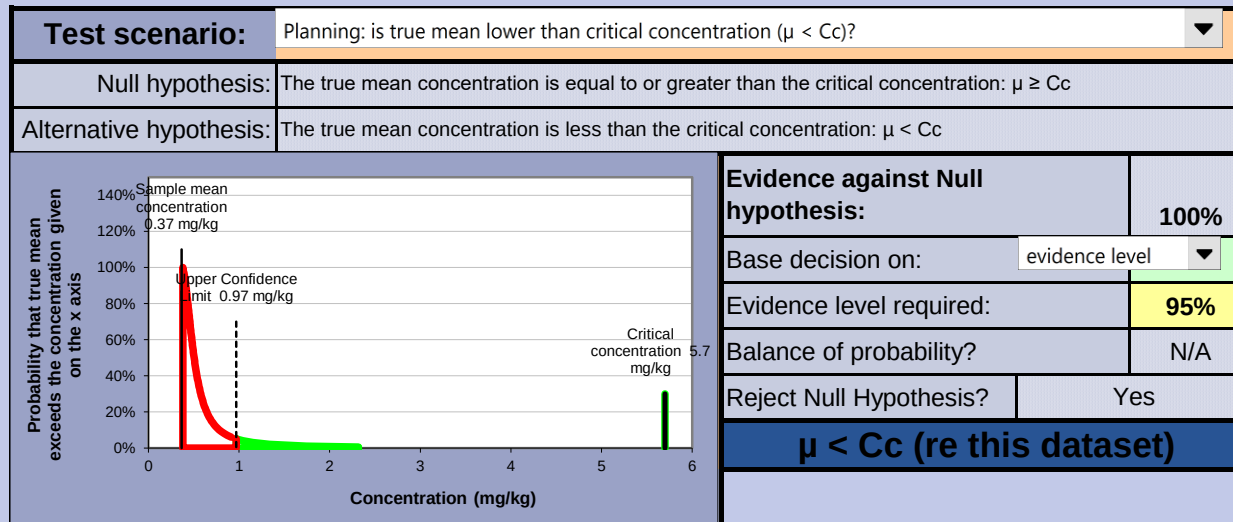
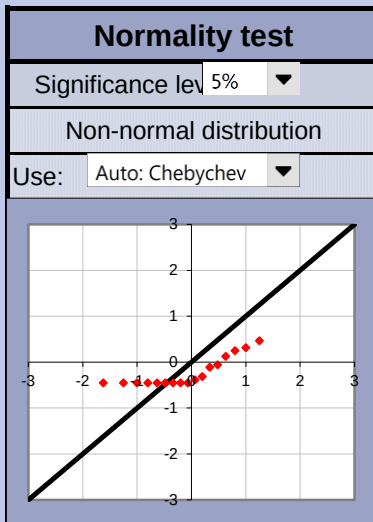
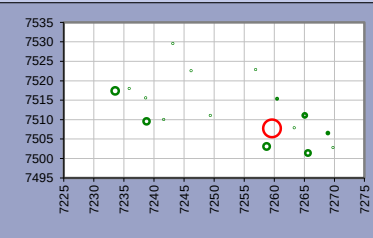
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	BaP (mg/kg)
Sample mean $\bar{x}$, (mg/kg)	0.3661
Sample standard deviation, s	0.5868
Sample size, n	18
Critical concentration, Cc (mg/kg)	5.7



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

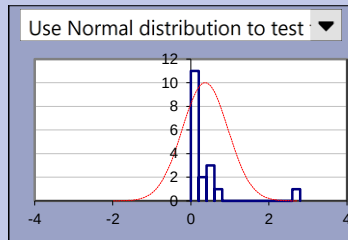
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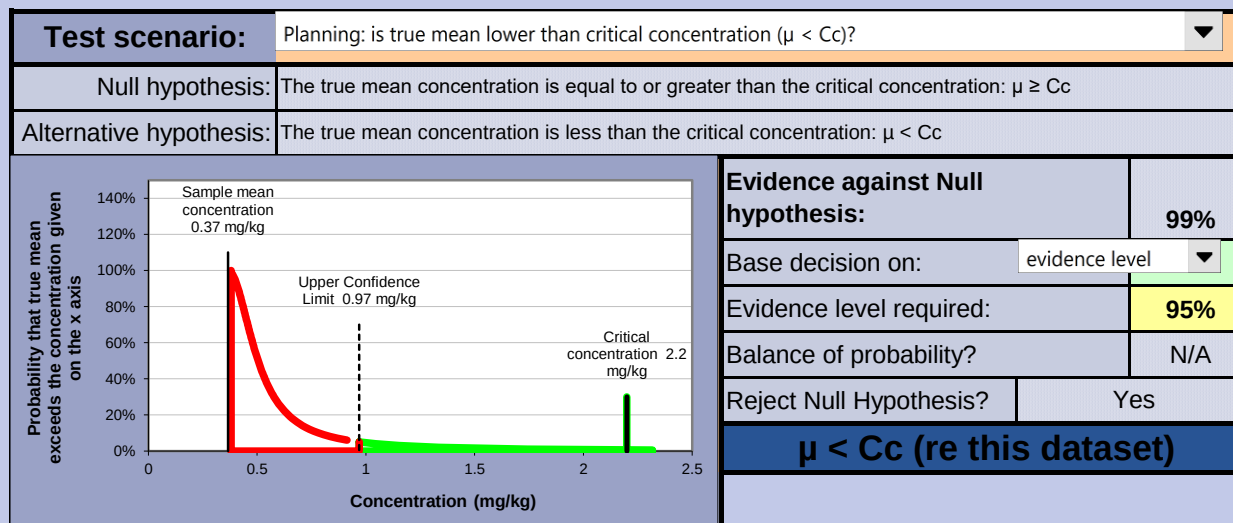
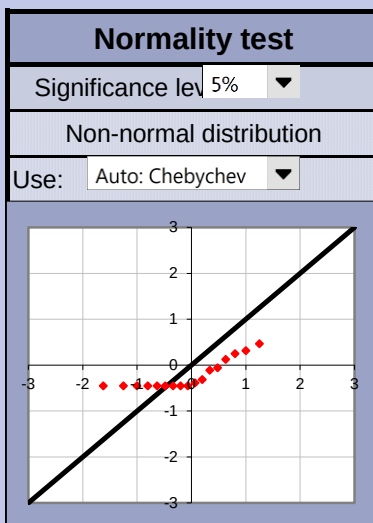
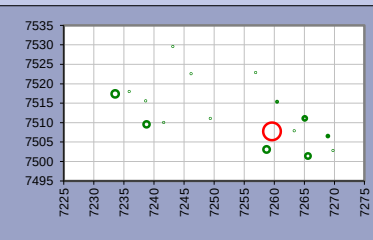
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	BaP (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	0.3661
Sample standard deviation, s	0.5868
Sample size, n	18
Critical concentration, Cc (mg/kg)	2.2



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

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Go to outlier test

Go to normality test

Test Results

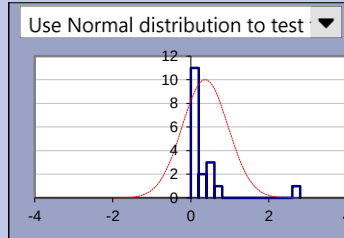
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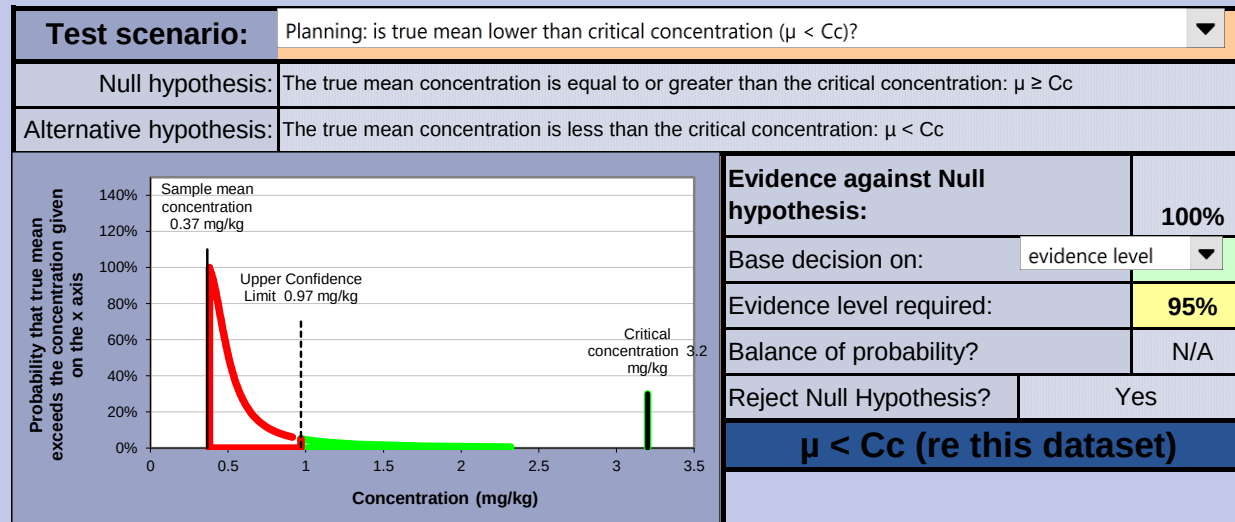
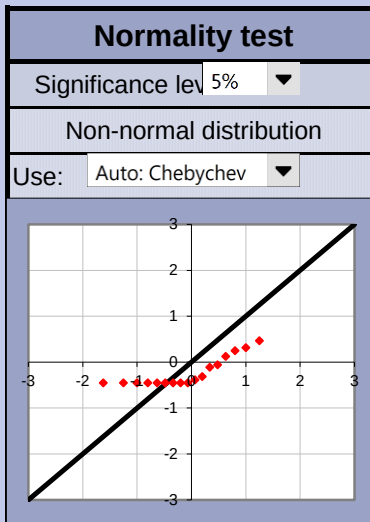
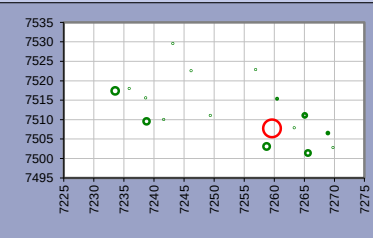
Project ref:

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Dataset	BaP (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	0.3661
Sample standard deviation, s	0.5868
Sample size, n	18
Critical concentration, Cc (mg/kg)	3.2



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

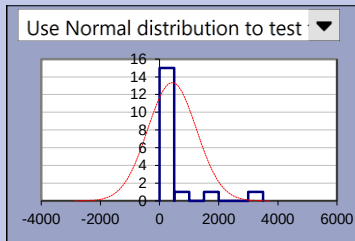
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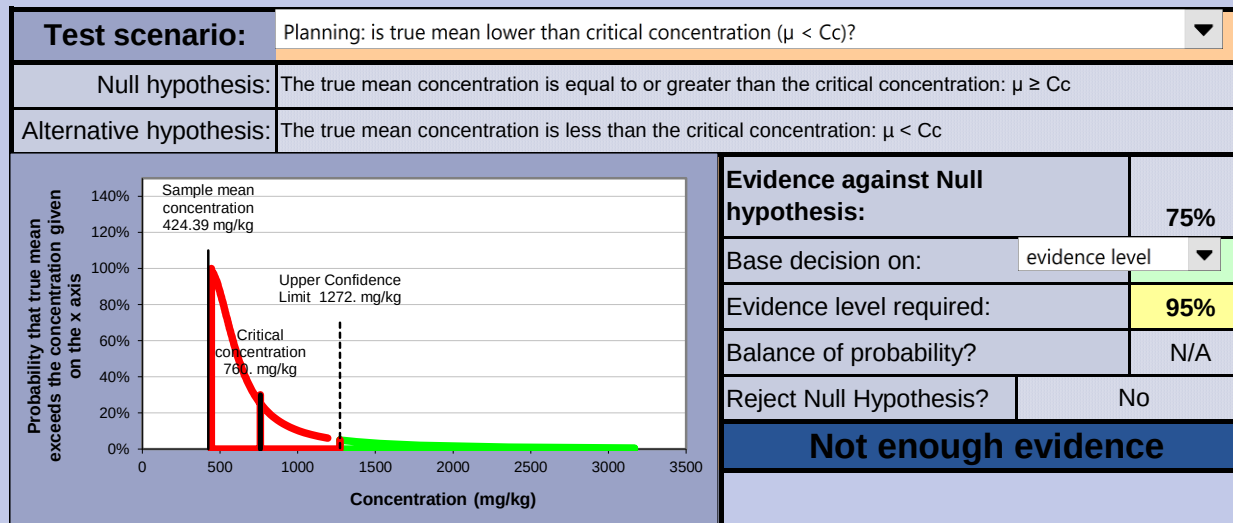
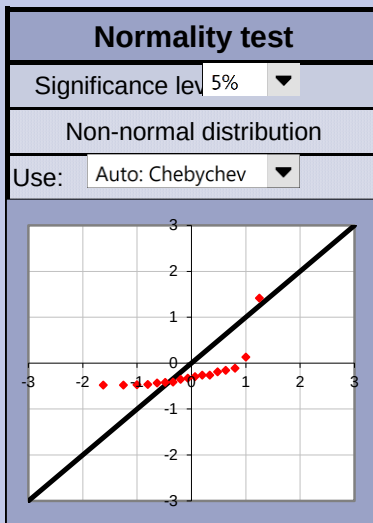
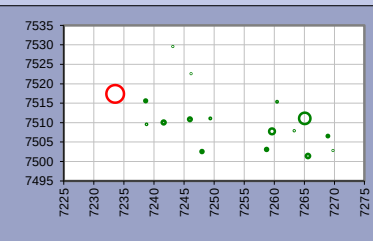
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	Lead (mg/kg)
Sample mean $\bar{x}$, (mg/kg)	424.39
Sample standard deviation, s	825.01
Sample size, n	18
Critical concentration, Cc (mg/kg)	760



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

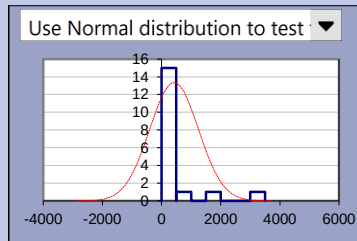
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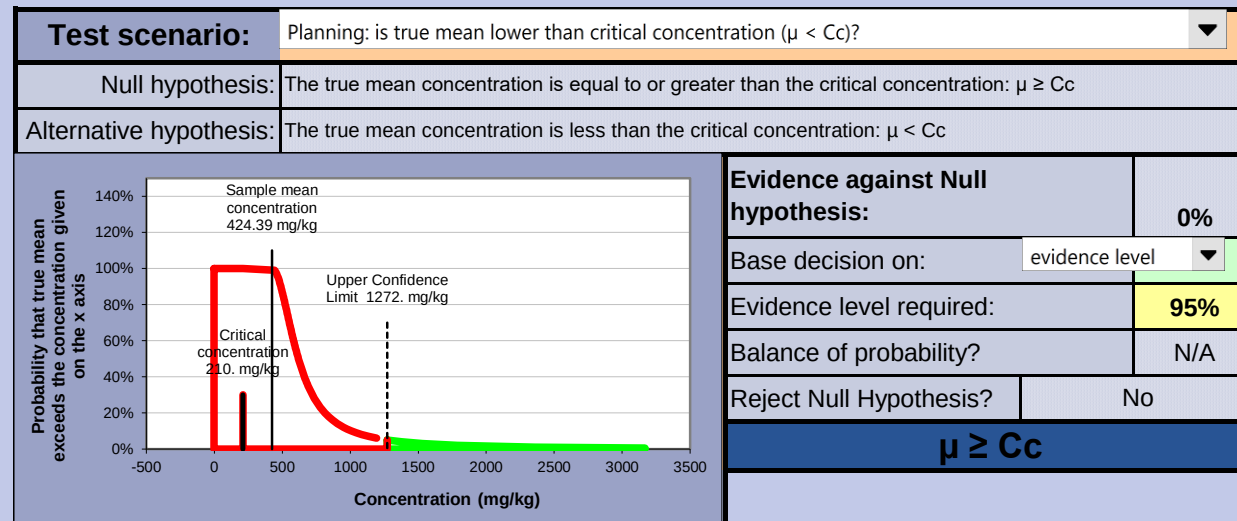
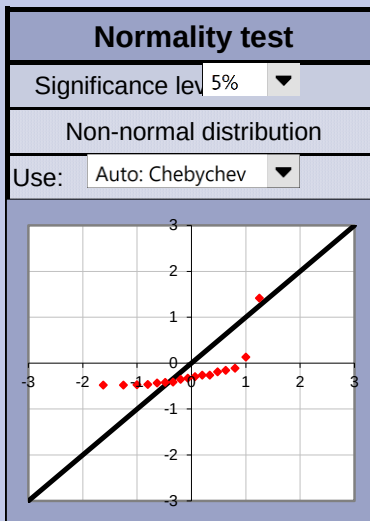
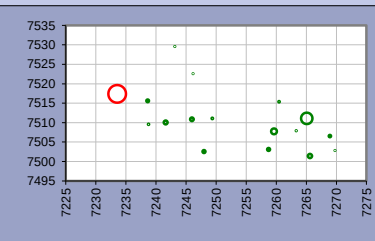
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	Lead (mg/kg)
Sample mean, $\bar{x}$, (mg/kg)	424.39
Sample standard deviation, s	825.01
Sample size, n	18
Critical concentration, Cc (mg/kg)	210



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

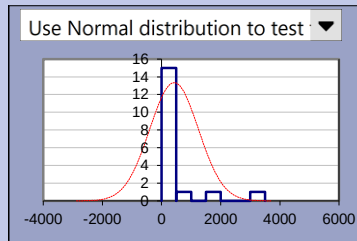
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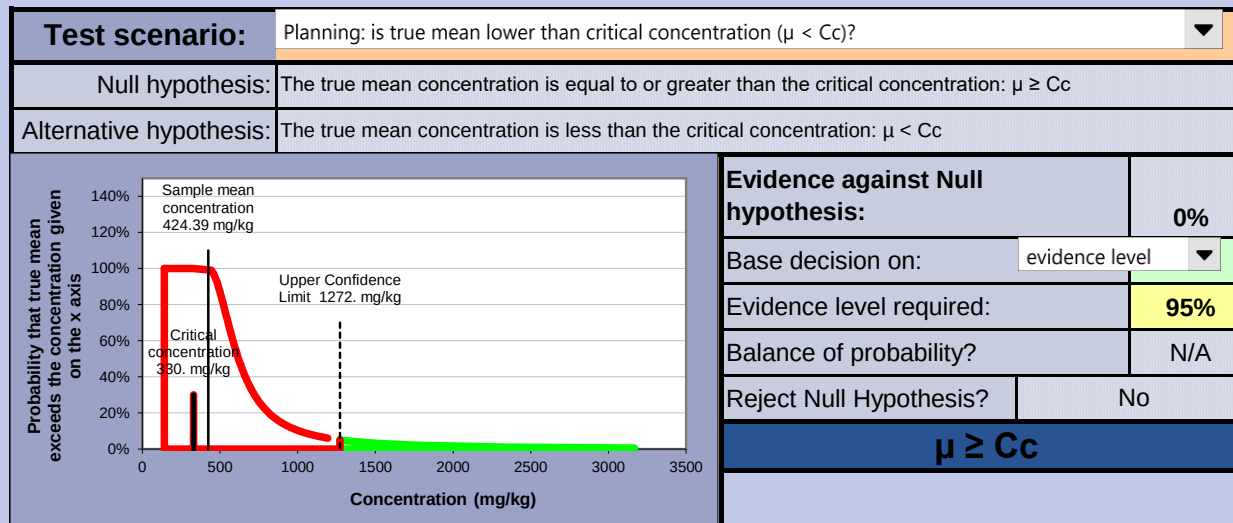
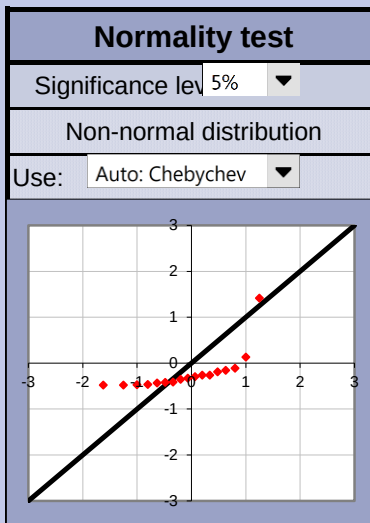
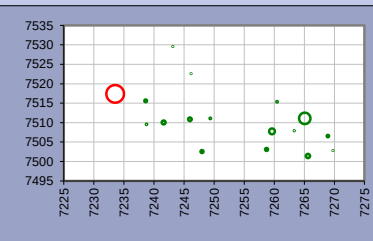
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	Lead (mg/kg)
Sample mean, $\bar{x}$, (mg/kg)	424.39
Sample standard deviation, s	825.01
Sample size, n	18
Critical concentration, Cc (mg/kg)	330



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	0
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

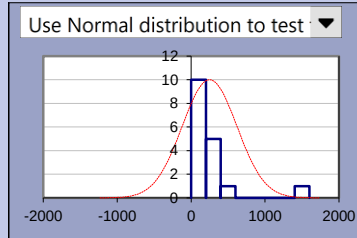
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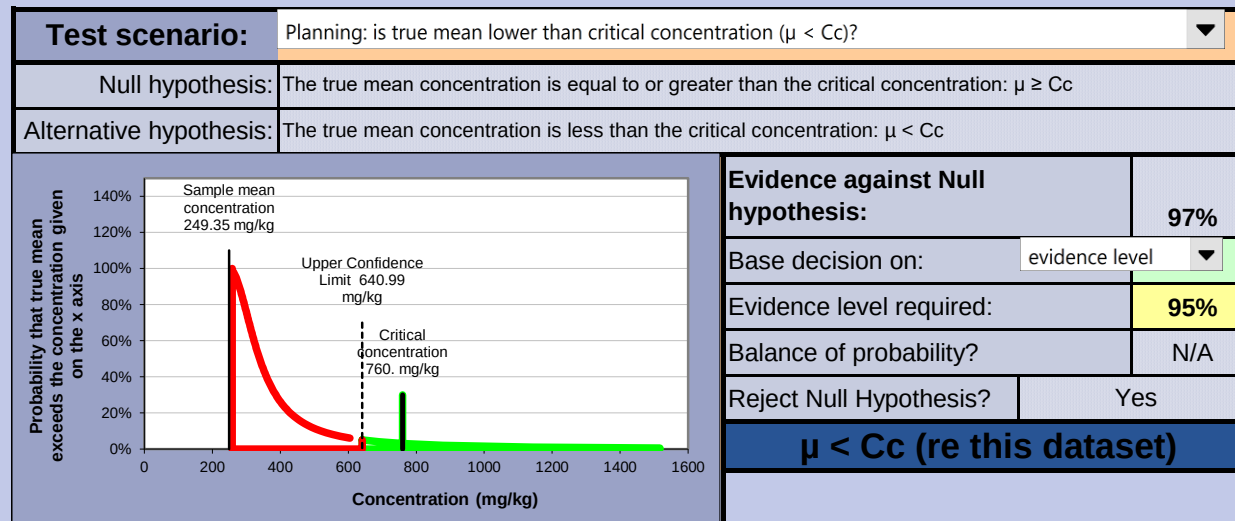
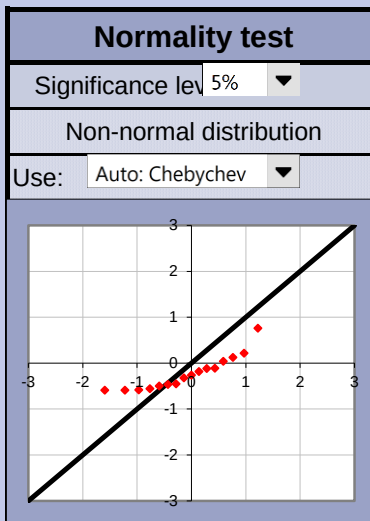
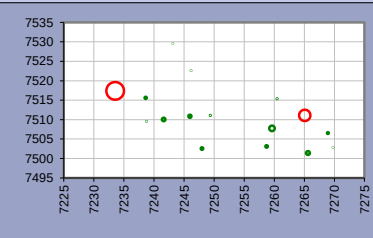
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	Lead (mg/kg)
Sample mean, $\bar{x}$, (mg/kg)	424.39
Sample standard deviation, s	825.01
Sample size, n	18
Critical concentration, Cc (mg/kg)	760



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	1
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

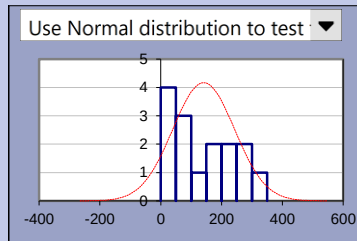
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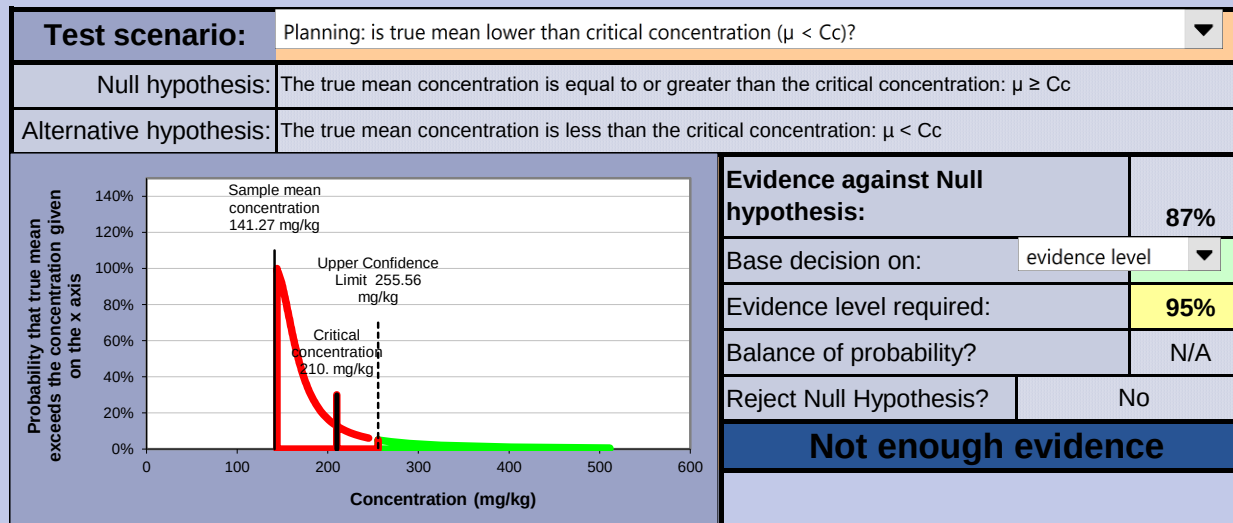
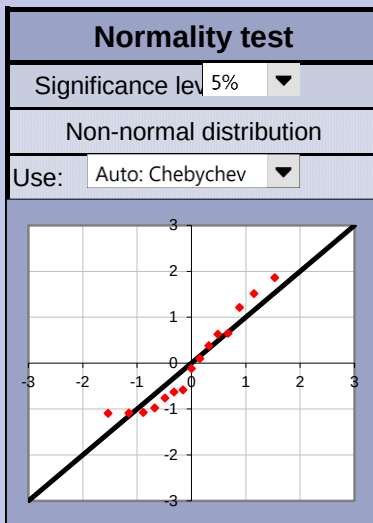
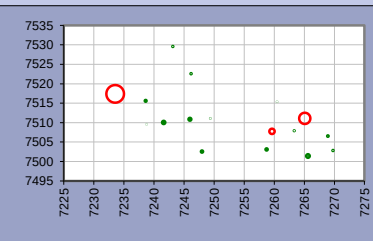
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Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	Lead (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	424.39
Sample standard deviation, s	825.01
Sample size, n	18
Critical concentration, Cc (mg/kg)	210



Outliers & non-detects	
Outliers present?	NO
Significance level	5%
Outliers removed?	3
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

Test Results

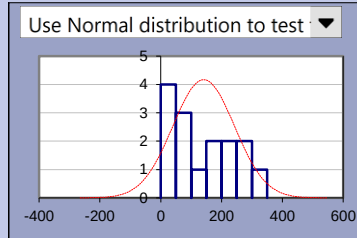
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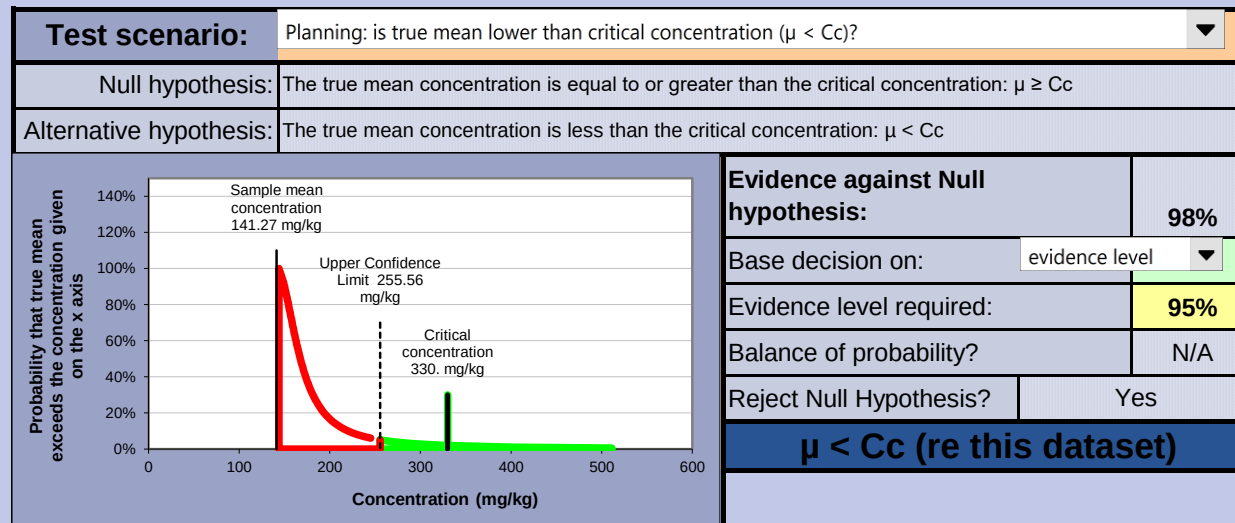
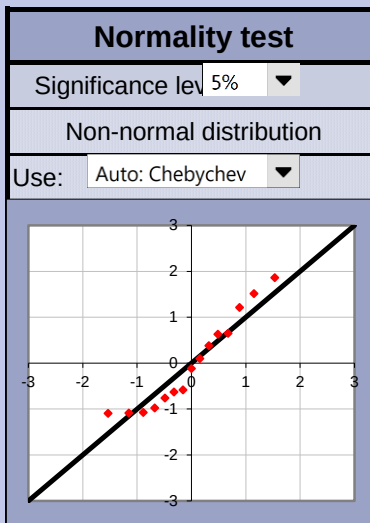
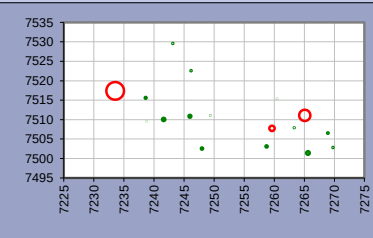
Project ref:

Data description: Distribution of Lead, BaF and BaF User details: Harry Brock

Dataset	Lead (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	424.39
Sample standard deviation, s	825.01
Sample size, n	18
Critical concentration, Cc (mg/kg)	330



Outliers & non-detects	
Outliers present?	NO
Significance level	5%
Outliers removed?	3
Non-detects	0



Back to data

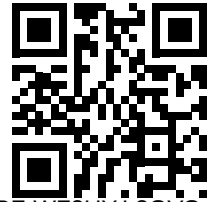
Back to summary

Go to outlier test

Go to normality test

APPENDIX F
Waste Hazard Assessment

Waste Classification Report



VAXRF-WF2HY-L3GVG

Job name

GWPR2462

Description/Comments

Project

GWPR2462

Site

University of Reading, Whiteknights Campus, Reading, RG6 6UD

Waste Stream Template

Ground and Water V2 PA

Classified by

Name:

Alice Tettmar

Date:

17/04/2018 15:28:43 UTC

Telephone:

0333 600 1221

Company:

Ground and Water

2 The Long Barn

Norton Farm, Selborne Road

Alton

GU34 3NB

Report

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Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
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2	HP02	0.3	Non Hazardous		6
3	WS01	0.3	Non Hazardous		8
4	WS02	0.3	Non Hazardous		10
5	WS05	0.2	Non Hazardous		12
6	TPA	0.2	Non Hazardous		14
7	TPB	0.2	Non Hazardous		16
8	TPC	0.2	Non Hazardous		18
9	TPD	0.2	Non Hazardous		20
10	TPE	0.2	Non Hazardous		22
11	TPF	0.2	Non Hazardous		24
12	TPG	0.2	Non Hazardous		26
13	TPH	0.2	Non Hazardous		28
14	TPA1	0.2	Non Hazardous		30
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16	TPA3	0.2	Non Hazardous		33

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
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18	TPA6	0.5	Non Hazardous		36
19	TPA7	0.2	Non Hazardous		38
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Classification of sample: HP01

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

Sample details

Sample Name:	LoW Code:	
HP01	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.3 m		
Moisture content:		
19%		
(no correction)		

Hazard properties

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.34%)

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:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.34%)

Determinands

Moisture content: **19% 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	pH		PH		7 pH		7 pH	7pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	boron { boron tribromide/trichloride/trifluoride (combined) }		10294-33-4, 10294-34-5, 7637-07-2		2.5 mg/kg	13.43	33.575 mg/kg	0.00336 %		
4	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	0.8 mg/kg	1.285	1.028 mg/kg	0.00008 %		
5	Chromium (III) Sulphate		10101-53-8		<4 mg/kg		<4 mg/kg	<0.0004 %		<LOD
6	chromium { chromium(III) oxide }	215-160-9	1308-38-9		32 mg/kg	1.462	46.77 mg/kg	0.00468 %		
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	65 mg/kg	1.126	73.183 mg/kg	0.00732 %		

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	3400	mg/kg		3400	mg/kg	0.34 %		
	082-001-00-6											
9	mercury { mercury dichloride }				0.3	mg/kg	1.353	0.406	mg/kg	0.0000406 %		
	080-010-00-X	231-299-8	7487-94-7									
10	nickel { nickel dihydroxide }				26	mg/kg	1.579	41.067	mg/kg	0.00411 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8											
12	zinc { zinc oxide }				540	mg/kg	1.245	672.146	mg/kg	0.0672 %		
	030-013-00-7	215-222-5	1314-13-2									
13	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
14	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
15	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
16	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
17	phenanthrene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		201-581-5	85-01-8									
18	anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		204-371-1	120-12-7									
19	fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		205-912-4	206-44-0									
20	pyrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		204-927-3	129-00-0									
21	benzo[a]anthracene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
	601-033-00-9	200-280-6	56-55-3									
22	chrysene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
	601-048-00-0	205-923-4	218-01-9									
23	benzo[b]fluoranthene				1	mg/kg		1	mg/kg	0.0001 %		
	601-034-00-4	205-911-9	205-99-2									
24	benzo[k]fluoranthene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
	601-036-00-5	205-916-6	207-08-9									
25	benzo[a]pyrene; benzo[def]chrysene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				0.44	mg/kg		0.44	mg/kg	0.000044 %		
		205-893-2	193-39-5									
27	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									
28	benzo[ghi]perylene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		205-883-8	191-24-2									
29	TPH (C6 to C40) petroleum group				27	mg/kg		27	mg/kg	0.0027 %		
			TPH									
Total:										0.434 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be hazardous below this limit

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0027%)

Classification of sample: HP02

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

Sample details

Sample Name:	LoW Code:
HP02	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **12% 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	pH				6.9 pH		6.9	pH	6.9 pH		
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	boron { boron tribromide/trichloride/trifluoride (combined) }				1.4 mg/kg	13.43	18.802	mg/kg	0.00188 %		
			10294-33-4, 10294-34-5, 7637-07-2								
4	cadmium { cadmium sulfide }			1	2.5 mg/kg	1.285	3.213	mg/kg	0.00025 %		
	048-010-00-4	215-147-8	1306-23-6								
5	Chromium (III) Sulphate				<4 mg/kg		<4	mg/kg	<0.0004 %		<LOD
			10101-53-8								
6	chromium { chromium(III) oxide }				18 mg/kg	1.462	26.308	mg/kg	0.00263 %		
		215-160-9	1308-38-9								
7	copper { dicopper oxide; copper (I) oxide }				32 mg/kg	1.126	36.028	mg/kg	0.0036 %		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	180 mg/kg		180	mg/kg	0.018 %		
	082-001-00-6										
9	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel dihydroxide }				14 mg/kg	1.579	22.113	mg/kg	0.00221 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8										
12	zinc { zinc oxide }				150 mg/kg	1.245	186.707	mg/kg	0.0187 %		
	030-013-00-7	215-222-5	1314-13-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
16	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
17	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
18	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
19	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
20	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
21	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
23	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
24	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
25	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							
26	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
27	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							
28	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
29	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
Total:								0.0513 %		

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)
- Determinand defined by classifier (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: WS01

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

Sample details

Sample Name:	LoW Code:
WS01	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **10% 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	pH				6.9 pH		6.9	pH	6.9 pH		
2	arsenic { arsenic trioxide }				12 mg/kg	1.32	15.844	mg/kg	0.00158 %		
	033-003-00-0	215-481-4	1327-53-3								
3	boron { boron tribromide/trichloride/trifluoride (combined) }				1.4 mg/kg	13.43	18.802	mg/kg	0.00188 %		
			10294-33-4, 10294-34-5, 7637-07-2								
4	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6								
5	Chromium (III) Sulphate				<4 mg/kg		<4	mg/kg	<0.0004 %		<LOD
			10101-53-8								
6	chromium { chromium(III) oxide }				22 mg/kg	1.462	32.154	mg/kg	0.00322 %		
		215-160-9	1308-38-9								
7	copper { dicopper oxide; copper (I) oxide }				14 mg/kg	1.126	15.762	mg/kg	0.00158 %		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	330 mg/kg		330	mg/kg	0.033 %		
	082-001-00-6										
9	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel dihydroxide }				13 mg/kg	1.579	20.533	mg/kg	0.00205 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8										
12	zinc { zinc oxide }				110 mg/kg	1.245	136.919	mg/kg	0.0137 %		
	030-013-00-7	215-222-5	1314-13-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
16	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
17	phenanthrene				0.22 mg/kg		0.22 mg/kg	0.000022 %		
		201-581-5	85-01-8							
18	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
19	fluoranthene				0.66 mg/kg		0.66 mg/kg	0.000066 %		
		205-912-4	206-44-0							
20	pyrene				0.63 mg/kg		0.63 mg/kg	0.000063 %		
		204-927-3	129-00-0							
21	benzo[a]anthracene				0.42 mg/kg		0.42 mg/kg	0.000042 %		
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				0.33 mg/kg		0.33 mg/kg	0.000033 %		
	601-048-00-0	205-923-4	218-01-9							
23	benzo[b]fluoranthene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
	601-034-00-4	205-911-9	205-99-2							
24	benzo[k]fluoranthene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
	601-036-00-5	205-916-6	207-08-9							
25	benzo[a]pyrene; benzo[def]chrysene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
	601-032-00-3	200-028-5	50-32-8							
26	indeno[123-cd]pyrene				0.26 mg/kg		0.26 mg/kg	0.000026 %		
		205-893-2	193-39-5							
27	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							
28	benzo[ghi]perylene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		205-883-8	191-24-2							
29	TPH (C6 to C40) petroleum group				20 mg/kg		20 mg/kg	0.002 %		
			TPH							
Total:								0.0602 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be hazardous below this limit

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.002%)

Classification of sample: WS02

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

Sample details

Sample Name:	LoW Code:
WS02	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **13%** 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	pH				6.8 pH		6.8	pH	6.8 pH		
2	arsenic { arsenic trioxide }				11 mg/kg	1.32	14.524	mg/kg	0.00145 %		
	033-003-00-0	215-481-4	1327-53-3								
3	boron { boron tribromide/trichloride/trifluoride (combined) }				2.1 mg/kg	13.43	28.203	mg/kg	0.00282 %		
			10294-33-4, 10294-34-5, 7637-07-2								
4	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6								
5	Chromium (III) Sulphate				<4 mg/kg		<4	mg/kg	<0.0004 %		<LOD
			10101-53-8								
6	chromium { chromium(III) oxide }				17 mg/kg	1.462	24.846	mg/kg	0.00248 %		
		215-160-9	1308-38-9								
7	copper { dicopper oxide; copper (I) oxide }				17 mg/kg	1.126	19.14	mg/kg	0.00191 %		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	42 mg/kg		42	mg/kg	0.0042 %		
	082-001-00-6										
9	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel dihydroxide }				14 mg/kg	1.579	22.113	mg/kg	0.00221 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8										
12	zinc { zinc oxide }				64 mg/kg	1.245	79.662	mg/kg	0.00797 %		
	030-013-00-7	215-222-5	1314-13-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
16	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
17	phenanthrene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
		201-581-5	85-01-8							
18	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
19	fluoranthene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
		205-912-4	206-44-0							
20	pyrene				0.94 mg/kg		0.94 mg/kg	0.000094 %		
		204-927-3	129-00-0							
21	benzo[a]anthracene				0.62 mg/kg		0.62 mg/kg	0.000062 %		
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				0.43 mg/kg		0.43 mg/kg	0.000043 %		
	601-048-00-0	205-923-4	218-01-9							
23	benzo[b]fluoranthene				0.63 mg/kg		0.63 mg/kg	0.000063 %		
	601-034-00-4	205-911-9	205-99-2							
24	benzo[k]fluoranthene				0.23 mg/kg		0.23 mg/kg	0.000023 %		
	601-036-00-5	205-916-6	207-08-9							
25	benzo[a]pyrene; benzo[def]chrysene				0.51 mg/kg		0.51 mg/kg	0.000051 %		
	601-032-00-3	200-028-5	50-32-8							
26	indeno[123-cd]pyrene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		205-893-2	193-39-5							
27	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							
28	benzo[ghi]perylene				0.26 mg/kg		0.26 mg/kg	0.000026 %		
		205-883-8	191-24-2							
29	TPH (C6 to C40) petroleum group				21 mg/kg		21 mg/kg	0.0021 %		
			TPH							
Total:								0.0265 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be hazardous below this limit

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0021%)

Classification of sample: WS05

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

Sample details

Sample Name:	LoW Code:
WS05	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **18%** 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	pH				7.1 pH		7.1	pH	7.1 pH		
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	boron { boron tribromide/trichloride/trifluoride (combined) }				1.1 mg/kg	13.43	14.773	mg/kg	0.00148 %		
			10294-33-4, 10294-34-5, 7637-07-2								
4	cadmium { cadmium sulfide }			1	1 mg/kg	1.285	1.285	mg/kg	0.0001 %		
	048-010-00-4	215-147-8	1306-23-6								
5	Chromium (III) Sulphate				<4 mg/kg		<4	mg/kg	<0.0004 %		<LOD
			10101-53-8								
6	chromium { chromium(III) oxide }				22 mg/kg	1.462	32.154	mg/kg	0.00322 %		
		215-160-9	1308-38-9								
7	copper { dicopper oxide; copper (I) oxide }				54 mg/kg	1.126	60.798	mg/kg	0.00608 %		
	029-002-00-X	215-270-7	1317-39-1								
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	530 mg/kg		530	mg/kg	0.053 %		
	082-001-00-6										
9	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.812	mg/kg	0.0000812 %		
	080-010-00-X	231-299-8	7487-94-7								
10	nickel { nickel dihydroxide }				25 mg/kg	1.579	39.487	mg/kg	0.00395 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	034-002-00-8										
12	zinc { zinc oxide }				990 mg/kg	1.245	1232.267	mg/kg	0.123 %		
	030-013-00-7	215-222-5	1314-13-2								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
13	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
14	acenaphthylene				0.21 mg/kg		0.21 mg/kg	0.000021 %		
		205-917-1	208-96-8							
15	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
16	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
17	phenanthrene				2.3 mg/kg		2.3 mg/kg	0.00023 %		
		201-581-5	85-01-8							
18	anthracene				0.41 mg/kg		0.41 mg/kg	0.000041 %		
		204-371-1	120-12-7							
19	fluoranthene				5.6 mg/kg		5.6 mg/kg	0.00056 %		
		205-912-4	206-44-0							
20	pyrene				5 mg/kg		5 mg/kg	0.0005 %		
		204-927-3	129-00-0							
21	benzo[a]anthracene				2.7 mg/kg		2.7 mg/kg	0.00027 %		
	601-033-00-9	200-280-6	56-55-3							
22	chrysene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
	601-048-00-0	205-923-4	218-01-9							
23	benzo[b]fluoranthene				3.4 mg/kg		3.4 mg/kg	0.00034 %		
	601-034-00-4	205-911-9	205-99-2							
24	benzo[k]fluoranthene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-036-00-5	205-916-6	207-08-9							
25	benzo[a]pyrene; benzo[def]chrysene				2.6 mg/kg		2.6 mg/kg	0.00026 %		
	601-032-00-3	200-028-5	50-32-8							
26	indeno[123-cd]pyrene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
		205-893-2	193-39-5							
27	dibenz[a,h]anthracene				0.23 mg/kg		0.23 mg/kg	0.000023 %		
	601-041-00-2	200-181-8	53-70-3							
28	benzo[ghi]perylene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
		205-883-8	191-24-2							
29	TPH (C6 to C40) petroleum group				53 mg/kg		53 mg/kg	0.0053 %		
			TPH							
Total:								0.203 %		

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because Unlikely to be hazardous below this limit

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0053%)

Classification of sample: TPA



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

Sample details

Sample Name:	LoW Code:
TPA	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	42 mg/kg		42	mg/kg	0.0042 %		
	082-001-00-6										
2	naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
3	acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8								
4	acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9								
5	fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
6	phenanthrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8								
7	anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7								
8	fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0								
9	pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0								
10	benzo[a]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
14	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								
15	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5								
16	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								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
17	•	benzo[ghi]perylene			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
Total:								0.00436 %		

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: TPB

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

Sample details

Sample Name:	LoW Code:
TPB	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { 082-001-00-6	lead compounds with the exception of those specified elsewhere in this Annex }		1	151 mg/kg		151 mg/kg		0.0151 %		
2	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
3	acenaphthylene 205-917-1		208-96-8		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
4	acenaphthene 201-469-6		83-32-9		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
5	fluorene 201-695-5		86-73-7		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
6	phenanthrene 201-581-5		85-01-8		0.28 mg/kg		0.28 mg/kg		0.000028 %		
7	anthracene 204-371-1		120-12-7		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
8	fluoranthene 205-912-4		206-44-0		0.54 mg/kg		0.54 mg/kg		0.000054 %		
9	pyrene 204-927-3		129-00-0		0.5 mg/kg		0.5 mg/kg		0.00005 %		
10	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.21 mg/kg		0.21 mg/kg		0.000021 %		
11	chrysene 601-048-00-0	205-923-4	218-01-9		0.2 mg/kg		0.2 mg/kg		0.00002 %		
12	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.22 mg/kg		0.22 mg/kg		0.000022 %		
13	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
14	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.18 mg/kg		0.18 mg/kg		0.000018 %		
15	indeno[123-cd]pyrene 205-893-2		193-39-5		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
16	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
17	■	benzo[ghi]perylene			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
Total:								0.0154 %		

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: TPC

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

Sample details

Sample Name:	LoW Code:
TPC	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	129 mg/kg		129 mg/kg		0.0129 %		
	082-001-00-6										
2	naphthalene				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
3	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		205-917-1	208-96-8								
4	acenaphthene				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		201-469-6	83-32-9								
5	fluorene				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		201-695-5	86-73-7								
6	phenanthrene				0.41 mg/kg		0.41 mg/kg		0.000041 %		
		201-581-5	85-01-8								
7	anthracene				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
		204-371-1	120-12-7								
8	fluoranthene				0.79 mg/kg		0.79 mg/kg		0.000079 %		
		205-912-4	206-44-0								
9	pyrene				0.71 mg/kg		0.71 mg/kg		0.000071 %		
		204-927-3	129-00-0								
10	benzo[a]anthracene				0.37 mg/kg		0.37 mg/kg		0.000037 %		
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				0.32 mg/kg		0.32 mg/kg		0.000032 %		
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				0.38 mg/kg		0.38 mg/kg		0.000038 %		
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				0.15 mg/kg		0.15 mg/kg		0.000015 %		
	601-036-00-5	205-916-6	207-08-9								
14	benzo[a]pyrene; benzo[def]chrysene				0.3 mg/kg		0.3 mg/kg		0.00003 %		
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				0.12 mg/kg		0.12 mg/kg		0.000012 %		
		205-893-2	193-39-5								
16	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								

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
17	■	benzo[ghi]perylene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
			205-883-8	191-24-2							
Total:									0.0133 %		

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: TPD

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

Sample details

Sample Name:	LoW Code:
TPD	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	31 mg/kg		31	mg/kg	0.0031 %		
	082-001-00-6										
2	naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
3	acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8								
4	acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9								
5	fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
6	phenanthrene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
		201-581-5	85-01-8								
7	anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7								
8	fluoranthene				0.22 mg/kg		0.22	mg/kg	0.000022 %		
		205-912-4	206-44-0								
9	pyrene				0.19 mg/kg		0.19	mg/kg	0.000019 %		
		204-927-3	129-00-0								
10	benzo[a]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
14	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								
15	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5								
16	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								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
17	■	benzo[ghi]perylene			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
Total:								0.00329 %		

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: TPE

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

Sample details

Sample Name:	LoW Code:
TPE	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	77 mg/kg		77	mg/kg	0.0077 %		
	082-001-00-6										
2	naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
3	acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8								
4	acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9								
5	fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
6	phenanthrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8								
7	anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7								
8	fluoranthene				0.32 mg/kg		0.32	mg/kg	0.000032 %		
		205-912-4	206-44-0								
9	pyrene				0.29 mg/kg		0.29	mg/kg	0.000029 %		
		204-927-3	129-00-0								
10	benzo[a]anthracene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				0.16 mg/kg		0.16	mg/kg	0.000016 %		
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
14	benzo[a]pyrene; benzo[def]chrysene				0.14 mg/kg		0.14	mg/kg	0.000014 %		
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5								
16	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								

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
17	•	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2								
Total:									0.00792 %		

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: TPF



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

Sample details

Sample Name:	LoW Code:
TPF	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	1590	mg/kg		1590	mg/kg	0.159 %		
	082-001-00-6											
2	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
3	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
4	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
5	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
6	phenanthrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		201-581-5	85-01-8									
7	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
8	fluoranthene				0.65	mg/kg		0.65	mg/kg	0.000065 %		
		205-912-4	206-44-0									
9	pyrene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		204-927-3	129-00-0									
10	benzo[a]anthracene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
	601-033-00-9	200-280-6	56-55-3									
11	chrysene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
	601-048-00-0	205-923-4	218-01-9									
12	benzo[b]fluoranthene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
	601-034-00-4	205-911-9	205-99-2									
13	benzo[k]fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
	601-036-00-5	205-916-6	207-08-9									
14	benzo[a]pyrene; benzo[def]chrysene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
	601-032-00-3	200-028-5	50-32-8									
15	indeno[123-cd]pyrene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		205-893-2	193-39-5									
16	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									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
17	•	benzo[ghi]perylene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
			205-883-8	191-24-2							
Total:									0.159 %		

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: TPG

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

Sample details

Sample Name:	LoW Code:
TPG	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	205	mg/kg		205	mg/kg	0.0205 %		
	082-001-00-6											
2	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
3	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
4	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
5	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
6	phenanthrene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		201-581-5	85-01-8									
7	anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		204-371-1	120-12-7									
8	fluoranthene				1.14	mg/kg		1.14	mg/kg	0.000114 %		
		205-912-4	206-44-0									
9	pyrene				1.07	mg/kg		1.07	mg/kg	0.000107 %		
		204-927-3	129-00-0									
10	benzo[a]anthracene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
	601-033-00-9	200-280-6	56-55-3									
11	chrysene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
	601-048-00-0	205-923-4	218-01-9									
12	benzo[b]fluoranthene				0.71	mg/kg		0.71	mg/kg	0.000071 %		
	601-034-00-4	205-911-9	205-99-2									
13	benzo[k]fluoranthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
	601-036-00-5	205-916-6	207-08-9									
14	benzo[a]pyrene; benzo[def]chrysene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
	601-032-00-3	200-028-5	50-32-8									
15	indeno[123-cd]pyrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
		205-893-2	193-39-5									
16	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									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
17	•	benzo[ghi]perylene				0.27 mg/kg		0.27 mg/kg	0.000027 %		
			205-883-8	191-24-2							
Total:									0.0212 %		

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: TPH

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

Sample details

Sample Name:	LoW Code:
TPH	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	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	lead { 082-001-00-6	lead compounds with the exception of those specified elsewhere in this Annex }		1	82 mg/kg		82	mg/kg	0.0082 %		
2	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
3	acenaphthylene 205-917-1	208-96-8			<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
4	acenaphthene 201-469-6	83-32-9			<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
5	fluorene 201-695-5	86-73-7			<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
6	phenanthrene 201-581-5	85-01-8			<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
7	anthracene 204-371-1	120-12-7			<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
8	fluoranthene 205-912-4	206-44-0			0.22 mg/kg		0.22	mg/kg	0.000022 %		
9	pyrene 204-927-3	129-00-0			0.21 mg/kg		0.21	mg/kg	0.000021 %		
10	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.14 mg/kg		0.14	mg/kg	0.000014 %		
11	chrysene 601-048-00-0	205-923-4	218-01-9		0.12 mg/kg		0.12	mg/kg	0.000012 %		
12	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.15 mg/kg		0.15	mg/kg	0.000015 %		
13	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
14	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
15	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
16	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
17	■	benzo[ghi]perylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2								
Total:										0.00839 %		

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: TPA1

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

Sample details

Sample Name:	LoW Code:
TPA1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.7%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **19.7%** 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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
2	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
3	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
4	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
5	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
6	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
7	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
8	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
9	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
10	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
11	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
12	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
13	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								
14	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
15	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								
16	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							
Total:								0.00016 %		

Key

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

Classification of sample: TPA2



Non Hazardous Waste

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

Sample details

Sample Name:	LoW Code:
TPA2	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14.5%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **14.5%** 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	lead {  lead compounds with the exception of those specified elsewhere in this Annex }			1	264 mg/kg		264 mg/kg	0.0264 %		
	082-001-00-6									
Total:								0.0264 %		

Key

- User supplied data
- 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
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TPA3

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

Sample details

Sample Name:	TPA3	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	0.2 m	Entry:		17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	14.3%			
	(no correction)			

Hazard properties

None identified

Determinands

Moisture content: 14.3% 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	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
2	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
3	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
4	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
5	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
6	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
7	fluoranthene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
		205-912-4	206-44-0								
8	pyrene				0.13 mg/kg		0.13 mg/kg	0.000013 %			
		204-927-3	129-00-0								
9	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
10	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
11	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
12	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
13	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								
14	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
15	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								
16	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							
Total:								0.00016 %		

Key

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

Classification of sample: TPA5

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

Sample details

Sample Name:	LoW Code:	
TPA5	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		
Moisture content:		
28.6%		
(no correction)		

Hazard properties

None identified

Determinands

Moisture content: 28.6% 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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	207 mg/kg		207 mg/kg	0.0207 %		
	082-001-00-6									
Total:								0.0207 %		

Key

- User supplied data
 - 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
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TPA6

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

Sample details

Sample Name:	LoW Code:
TPA6	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.2%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **18.2%** 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	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	295 mg/kg		295 mg/kg	0.0295 %		
	082-001-00-6									
2	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
3	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
4	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
5	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
6	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
7	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
8	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
9	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
10	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
11	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
12	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
13	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
14	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							
15	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
16		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								
17	■	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2								
Total:									0.0297 %		

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: TPA7

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

Sample details

Sample Name:	LoW Code:
TPA7	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.5%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.5% 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	pH				7.9 pH		7.9	pH	7.9 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2 mg/kg	1.884	<3.768	mg/kg	<0.000377 %		<LOD
	006-007-00-5										
3	arsenic { arsenic trioxide }				14 mg/kg	1.32	18.485	mg/kg	0.00185 %		
	033-003-00-0	215-481-4	1327-53-3								
4	boron { boron tribromide/trichloride/trifluoride (combined) }				<1 mg/kg	13.43	<13.43	mg/kg	<0.00134 %		<LOD
			10294-33-4, 10294-34-5, 7637-07-2								
5	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6								
6	Chromium (III) Sulphate				21 mg/kg		21	mg/kg	0.0021 %		
			10101-53-8								
7	chromium { chromium(III) oxide }				<2 mg/kg	1.462	<2.923	mg/kg	<0.000292 %		<LOD
		215-160-9	1308-38-9								
8	copper { dicopper oxide; copper (I) oxide }				12 mg/kg	1.126	13.511	mg/kg	0.00135 %		
	029-002-00-X	215-270-7	1317-39-1								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	32 mg/kg		32	mg/kg	0.0032 %		
	082-001-00-6										
10	mercury { mercury dichloride }				<1 mg/kg	1.353	<1.353	mg/kg	<0.000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel dihydroxide }				16 mg/kg	1.579	25.272	mg/kg	0.00253 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [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								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3 mg/kg	2.554	<7.661 mg/kg	<0.000766 %			<LOD
	034-002-00-8										
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				33 mg/kg	1.785	58.911 mg/kg	0.00589 %			
	023-001-00-8	215-239-8	1314-62-1								
14	zinc { zinc oxide }				60 mg/kg	1.245	74.683 mg/kg	0.00747 %			
	030-013-00-7	215-222-5	1314-13-2								
15	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
19	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
21	fluoranthene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
		205-912-4	206-44-0								
22	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
23	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
25	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
26	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
27	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								
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
29	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								
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
Total:									0.0275 %		

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)
-  Determinand defined by classifier (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: TPA8

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

Sample details

Sample Name:	LoW Code:
TPA8	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16.6%	
(no correction)	

Hazard properties

None identified

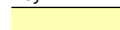
Determinands

Moisture content: 16.6% 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	pH				6.3 pH		6.3	pH	6.3 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<2 mg/kg	1.884	<3.768	mg/kg	<0.000377 %		<LOD
	006-007-00-5										
3	arsenic { arsenic trioxide }				9 mg/kg	1.32	11.883	mg/kg	0.00119 %		
	033-003-00-0	215-481-4	1327-53-3								
4	boron { boron tribromide/trichloride/trifluoride (combined) }				<1 mg/kg	13.43	<13.43	mg/kg	<0.00134 %		<LOD
			10294-33-4, 10294-34-5, 7637-07-2								
5	cadmium { cadmium sulfide }			1	<0.2 mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
	048-010-00-4	215-147-8	1306-23-6								
6	Chromium (III) Sulphate				14 mg/kg		14	mg/kg	0.0014 %		
			10101-53-8								
7	chromium { chromium(III) oxide }				<2 mg/kg	1.462	<2.923	mg/kg	<0.000292 %		<LOD
		215-160-9	1308-38-9								
8	copper { dicopper oxide; copper (I) oxide }				12 mg/kg	1.126	13.511	mg/kg	0.00135 %		
	029-002-00-X	215-270-7	1317-39-1								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex }			1	30 mg/kg		30	mg/kg	0.003 %		
	082-001-00-6										
10	mercury { mercury dichloride }				<1 mg/kg	1.353	<1.353	mg/kg	<0.000135 %		<LOD
	080-010-00-X	231-299-8	7487-94-7								
11	nickel { nickel dihydroxide }				9 mg/kg	1.579	14.215	mg/kg	0.00142 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [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							
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<3 mg/kg	2.554	<7.661 mg/kg	<0.000766 %		<LOD
	034-002-00-8									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				30 mg/kg	1.785	53.556 mg/kg	0.00536 %		
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc oxide }				40 mg/kg	1.245	49.789 mg/kg	0.00498 %		
	030-013-00-7	215-222-5	1314-13-2							
15	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
16	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
17	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
18	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
19	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8							
20	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
21	fluoranthene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
		205-912-4	206-44-0							
22	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
23	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
24	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
25	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
26	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
27	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							
28	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
29	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							
30	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
31	benzene				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
32	toluene				<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
33	ethylbenzene				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
34	xylene				<2 mg/kg		<2 mg/kg	<0.0002 %		<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]							
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<2 mg/kg		<2 mg/kg	<0.0002 %		<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]							
36	TPH (C6 to C40) petroleum group				<42 mg/kg		<42 mg/kg	<0.0042 %		<LOD
			TPH							
Total:								0.0273 %		

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)
	Determinand defined by classifier (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

• 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.

• boron tribromide/trichloride/trifluoride (combined) (CAS Number: 10294-33-4, 10294-34-5, 7637-07-2)

Conversion factor: 13.43
Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride
Data source: N/A
Data source date: 06/08/2015
Risk Phrases: C R35 , C R34 , T+ R26/28 , R14
Hazard Statements: Skin Corr. 1B H314 , Skin Corr. 1A H314 , Acute Tox. 2 H300 , Acute Tox. 2 H330 , EUH014

• Chromium (III) Sulphate (CAS Number: 10101-53-8)

Description/Comments:
Data source: 10101-53-8
Data source date: 24/06/2015
Risk Phrases: None.
Hazard Statements: None.

• 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: R61 , R60 , R50/53 , R43 , R42 , R38 , R37 , R36 , R22 , R20
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Repr. 1B H360FD , Skin Sens. 1 H317 , Resp. Sens. 1 H334 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302 , Acute Tox. 4 H332

• 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 >= 0.25 % , N R50/53
Additional Hazard Statement(s): None.
Reason for additional Hazards Statement(s)/Risk Phrase(s):
10/10/2016 - N R50/53 >= 0.25 % risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases
10/10/2016 - N R50/53 risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

• lead compounds with the exception of those specified elsewhere in this Annex

CLP index number: 082-001-00-6
Description/Comments: Least-worst case: Lead REACH Consortium considers some lead compounds Carcinogenic category 2B
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
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 2A (Sup 7, 87) 2006; Lead REACH Consortium
www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17/07/2015
Risk Phrases: R38 , R37 , R36 , R27 , R26 , R22
Hazard Statements: Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 1 H310 , Acute Tox. 1 H330 , Acute Tox. 4 H302

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17/07/2015
Risk Phrases: N R51/53 , N R50/53 , R38 , R37 , R36
Hazard Statements: Aquatic Chronic 2 H411 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

■ **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06/08/2015
Risk Phrases: N R50/53
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400

■ **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06/08/2015
Risk Phrases: N R50/53 , R43 , R40 , R38 , R37 , R36 , R22
Hazard Statements: Skin Irrit. 2 H315 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Carc. 2 H351 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302

■ **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17/07/2015
Risk Phrases: N R50/53 , R43 , R38 , R37 , R36
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

■ **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21/08/2015
Risk Phrases: N R50/53 , Xn R22
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Acute Tox. 4 H302

■ **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21/08/2015
Risk Phrases: N R50/53 , Xi R36/37/38
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315

■ **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06/08/2015
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 Chronic 1 H410 , Aquatic Acute 1 H400

■ **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: R65 , R63 , R51/53 , R46 , R45 , R10
Hazard Statements: Aquatic Chronic 2 H411 , Repr. 2 H361d , Carc. 1B H350 , Muta. 1B H340 , STOT RE 2 H373 , Asp. Tox. 1 H304 , Flam. Liq. 3 H226

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

CLP index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)

Additional Risk Phrases: None.

Additional Hazard Statement(s): EUH032 >= 0.2 %

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

14/12/2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

▪ **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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on risk phrases

boron {boron tribromide/trichloride/trifluoride (combined)}

Worst case species based on risk phrases

cadmium {cadmium sulfide}

Worst case species based on risk phrases

chromium {chromium(III) oxide}

Chromium

copper {dicopper oxide; copper (I) oxide}

Most likely common species

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Lead

mercury {mercury dichloride}

Worst case species based on risk phrases

nickel {nickel dihydroxide}

Worst case species based on risk phrases

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

Worst case species based on risk phrases

zinc {zinc oxide}

Zinc

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

Worst case species

vanadium {divanadium pentaoxide; vanadium pentoxide}

most common form

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition, May 2015**

HazWasteOnline Classification Engine Version: 2018.88.3517.7191 (31 Mar 2018)

HazWasteOnline Database: 2018.88.3517.7191 (31 Mar 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

APPENDIX F
BRE Cover System Spreadsheet

Calculations based on mixed zone (M)	600	mm
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[illegible]

Summary		
	Target Guideline Value 1	Target Guideline Value 2
Number of contaminants	16	16
Number of contaminants with no thickness calculation	15	15
Breakdown - Number for which no TV specified	6	6
Breakdown - Number for which no soil specified	15	15
Breakdown - Number for which no cover specified	12	12
Breakdown - Number for which cover > TV	0	0
Number of contaminants with thickness calculation	1	1
Breakdown - Number for which no cover required	0	0
Breakdown - Number for which cover required	1	1
Overall thickness of cover required	176	0