

Test Results

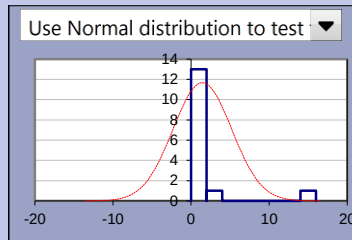
Client/client ref: Drew Smith Gro Site ref: GWPR3192_NW

Date: 08-Nov-2019

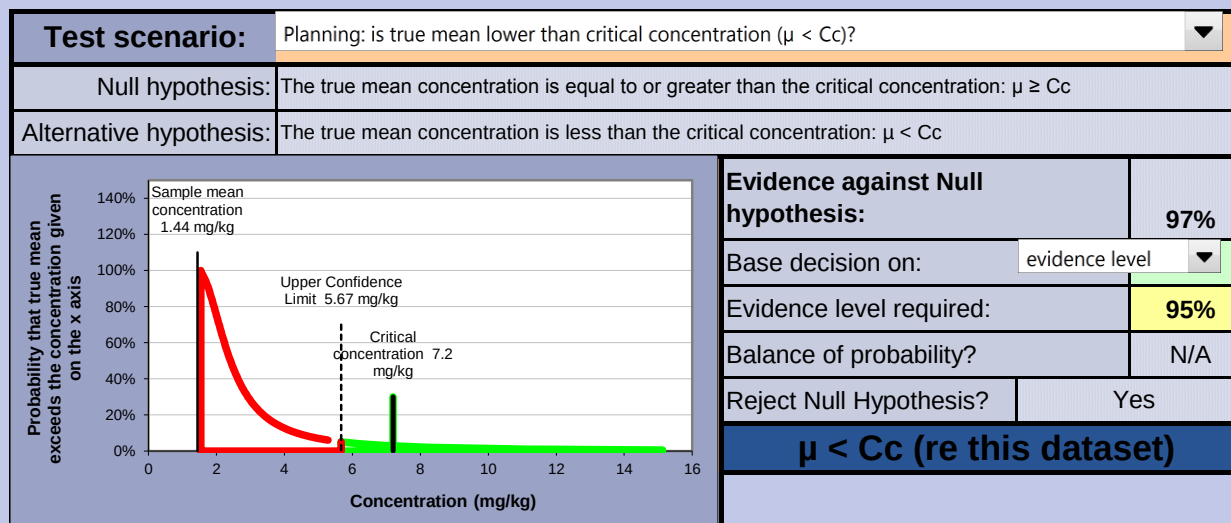
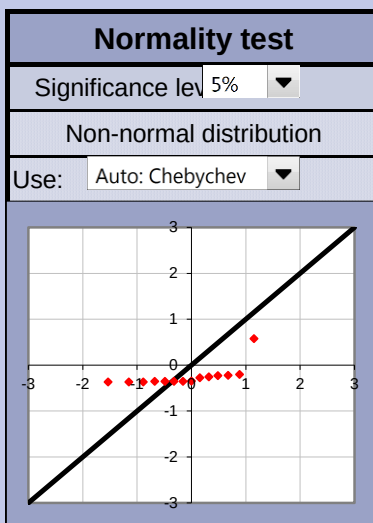
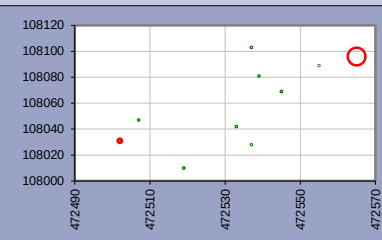
Project ref: Former Colt Internati Data description:

User details: James Dalziel

Dataset	B(a)A (mg/kg)
Sample mean, $\bar{x}$, (mg/kg)	9.4788
Sample standard deviation, s	32.343
Sample size, n	16
Critical concentration, Cc (mg/kg)	7.2



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



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Go to outlier test

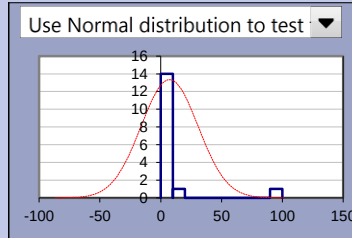
Go to normality test

Test Results

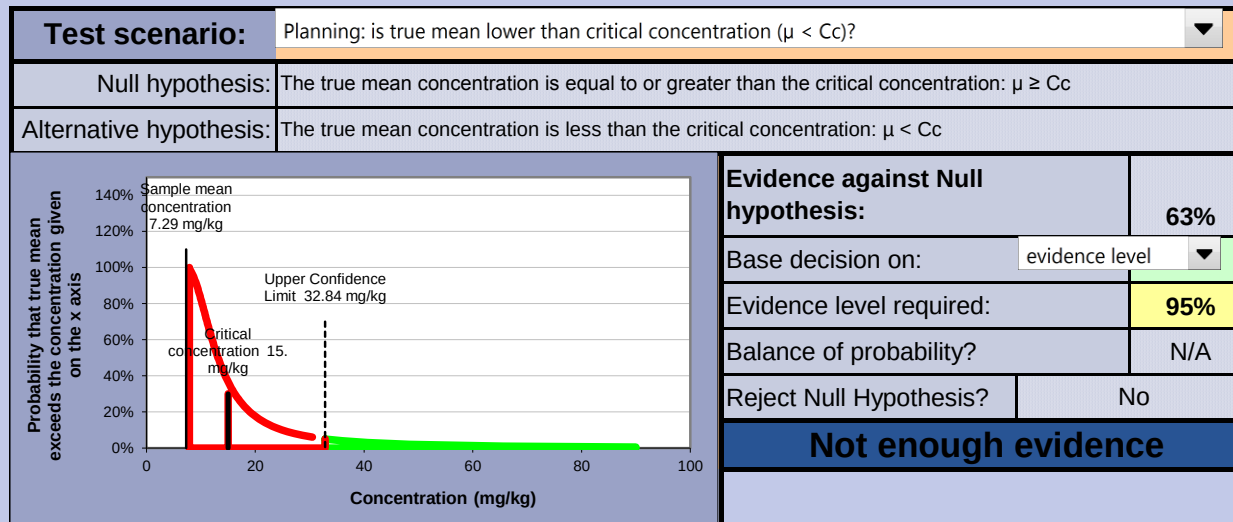
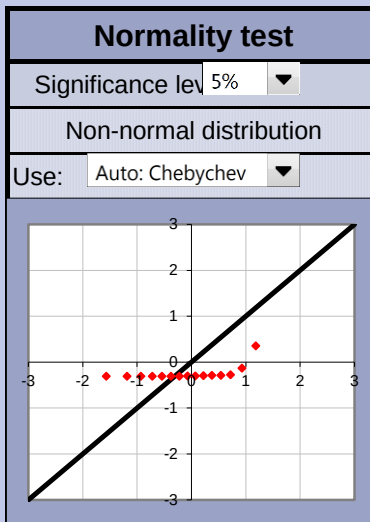
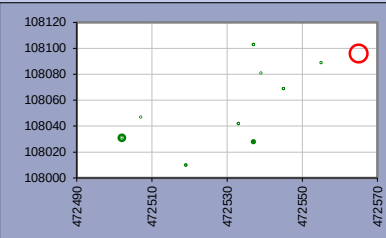
Client/client ref: Drew Smith Gro Site ref: GWPR3192_NW
Project ref: Former Colt Internati Data description:

Date: 08-Nov-2019
User details: James Dalziel

Dataset	Chry (mg/kg)
Sample mean $\bar{x}$, (mg/kg)	7.2875
Sample standard deviation, s	23.448
Sample size, n	16
Critical concentration, Cc (mg/kg)	15



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

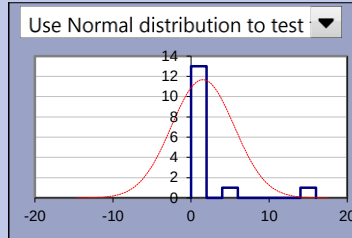
Go to normality test

Test Results

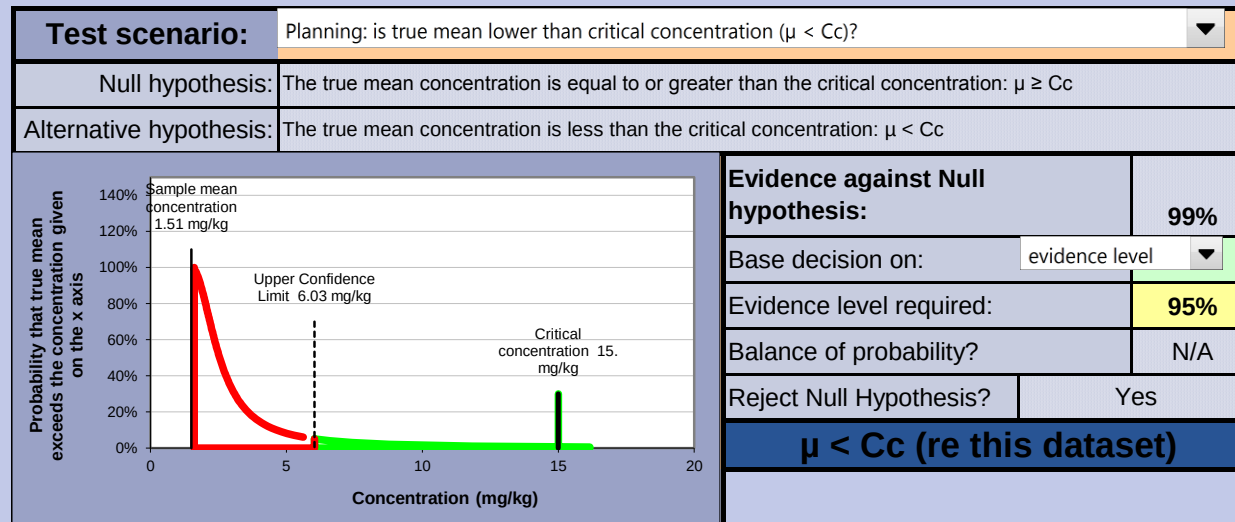
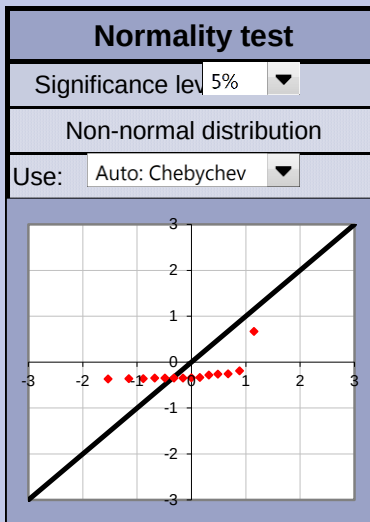
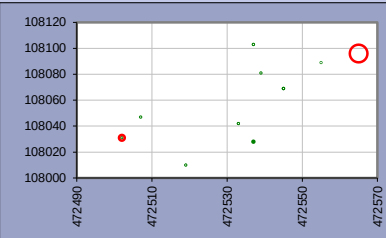
Client/client ref: Drew Smith Gro Site ref: GWPR3192_NW
Project ref: Former Colt Internati Data description:

Date: 08-Nov-2019
User details: James Dalziel

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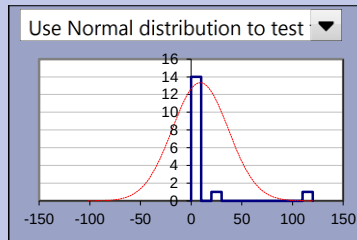
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Date: 08-Nov-2019

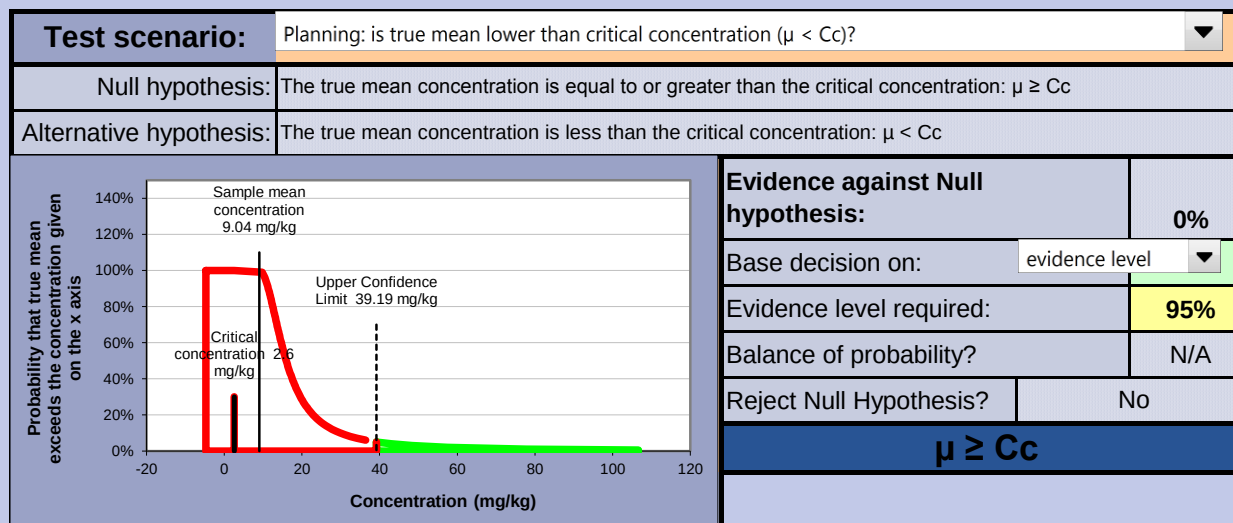
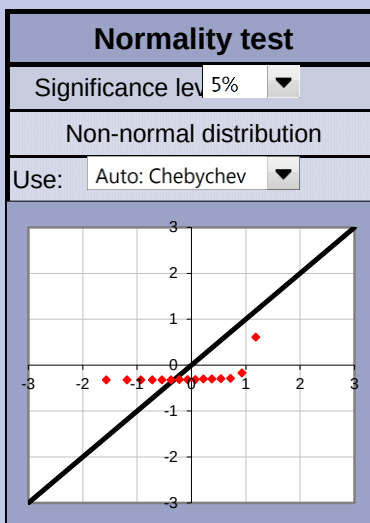
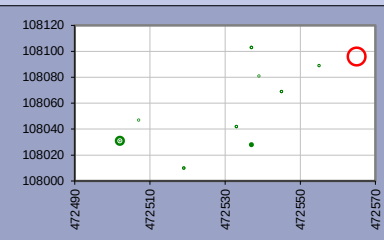
Project ref: Former Colt Internati Data description:

User details: James Dalziel

Dataset	B(b)F (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	9.0369
Sample standard deviation, s	27.671
Sample size, n	16
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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Go to normality test

Test Results

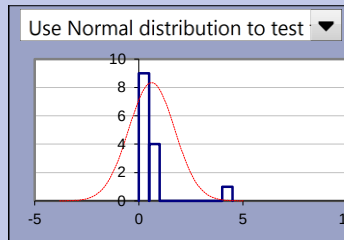
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Date: 08-Nov-2019

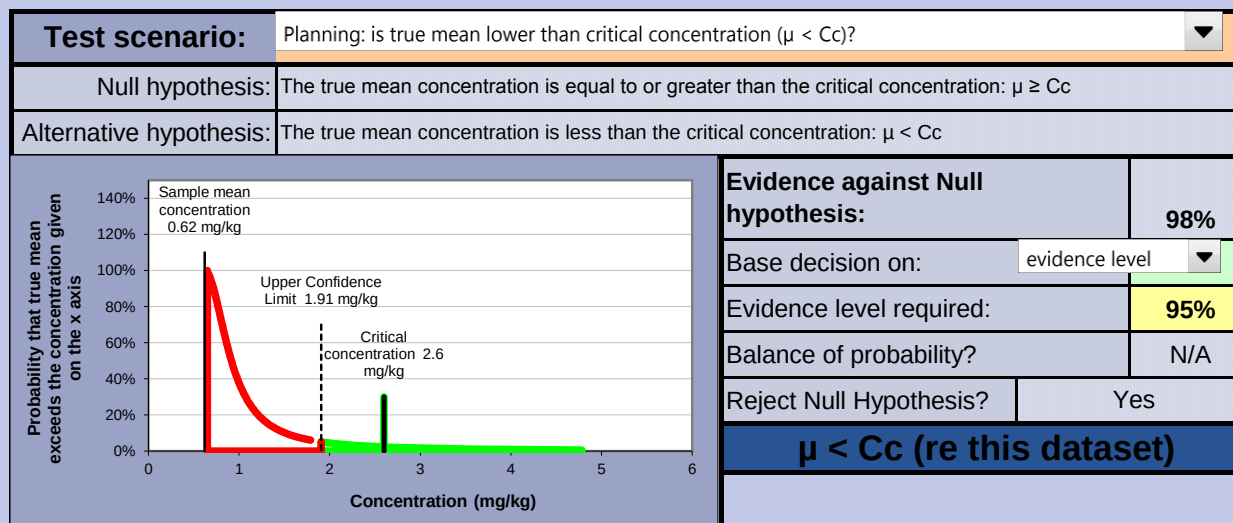
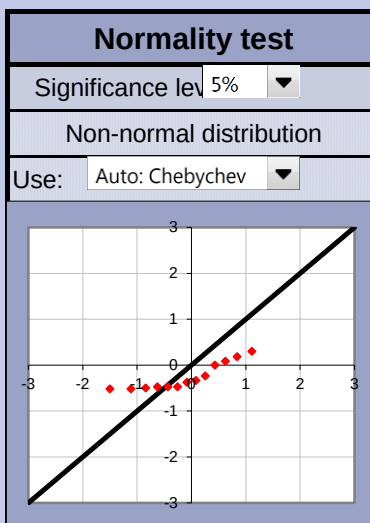
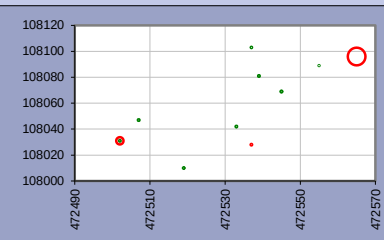
Project ref: Former Colt Internati Data description:

User details: James Dalziel

Dataset	B(b)F (mg/kg)
Sample mean $\bar{x}$, (mg/kg)	9.0369
Sample standard deviation, s	27.671
Sample size, n	16
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Outliers & non-detects	
Outliers present?	YES
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Non-detects	0



[Back to data](#)

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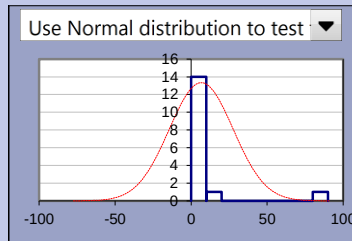
[Go to normality test](#)

Test Results

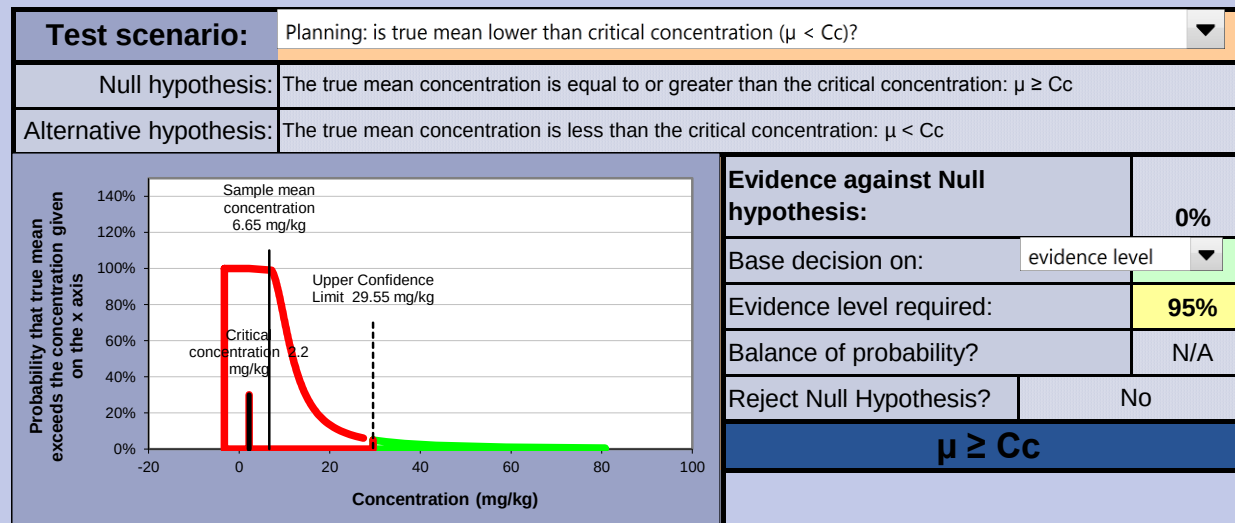
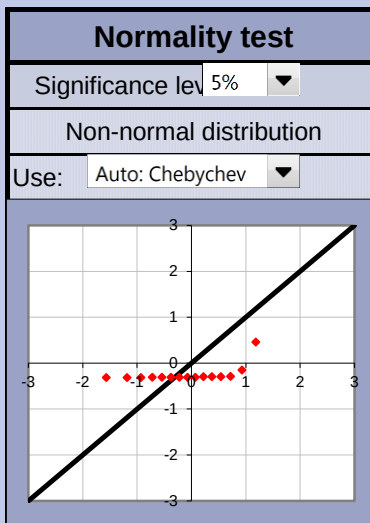
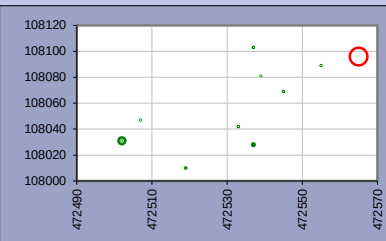
Client/client ref: Drew Smith Gro Site ref: GWPR3192_NW
Project ref: Former Colt Internati Data description:

Date: 08-Nov-2019
User details: James Dalziel

Dataset	B(a)P (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	6.6469
Sample standard deviation, s	21.015
Sample size, n	16
Critical concentration, Cc (mg/kg)	2.2



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



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Go to outlier test

Go to normality test

Test Results

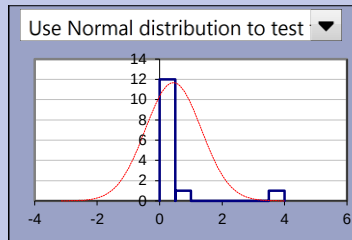
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Date: 08-Nov-2019

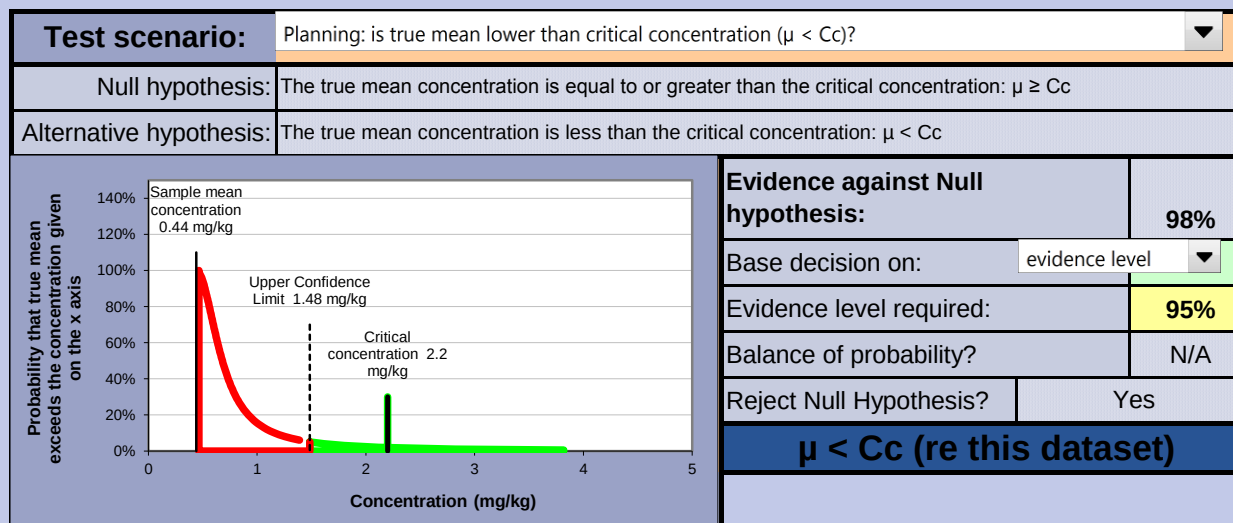
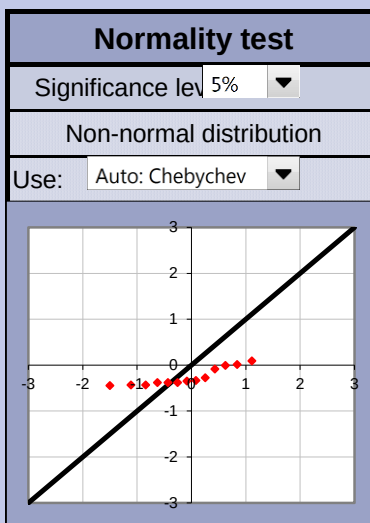
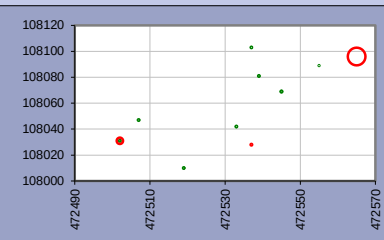
Project ref: Former Colt Internati Data description:

User details: James Dalziel

Dataset	B(a)P (mg/kg)
Sample mean $\bar{x}$, (mg/kg)	6.6469
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Test Results

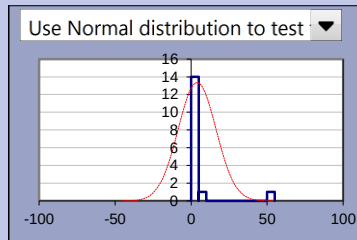
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Date: 08-Nov-2019

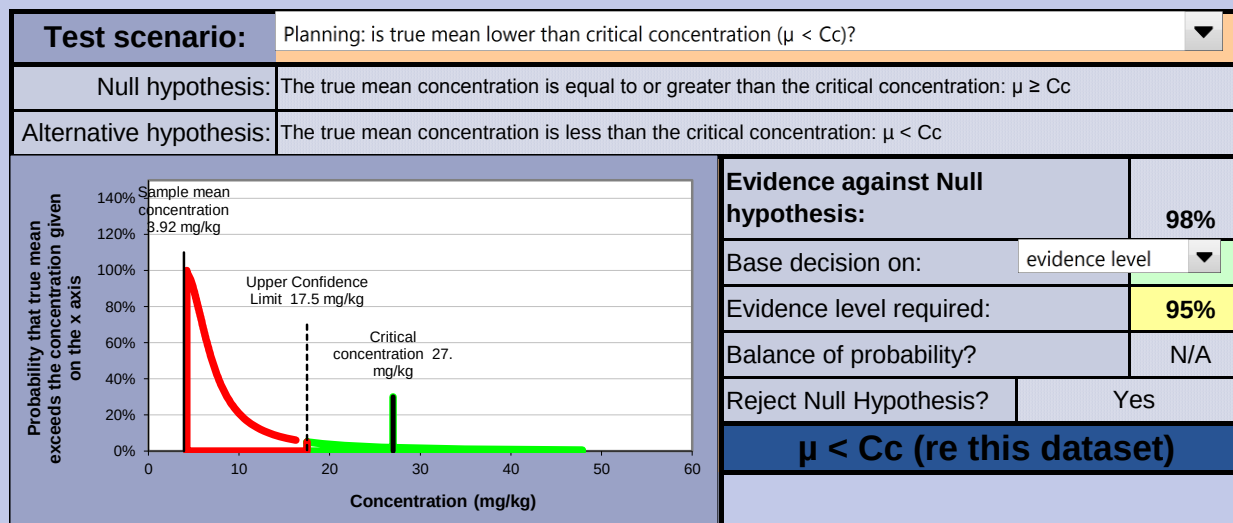
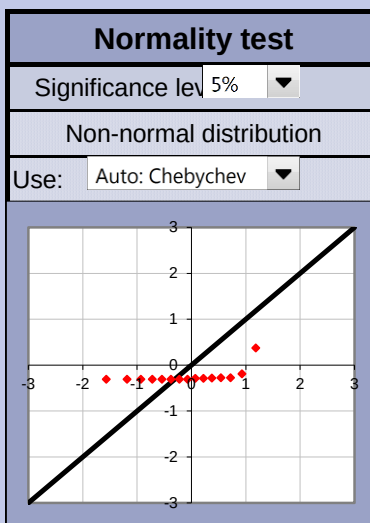
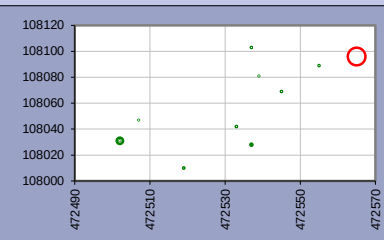
Project ref: Former Colt Internati Data description:

User details: James Dalziel

Dataset	I(123)P (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	3.9181
Sample standard deviation, s	12.464
Sample size, n	16
Critical concentration, Cc (mg/kg)	27



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

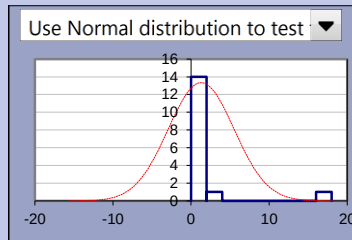
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Date: 08-Nov-2019

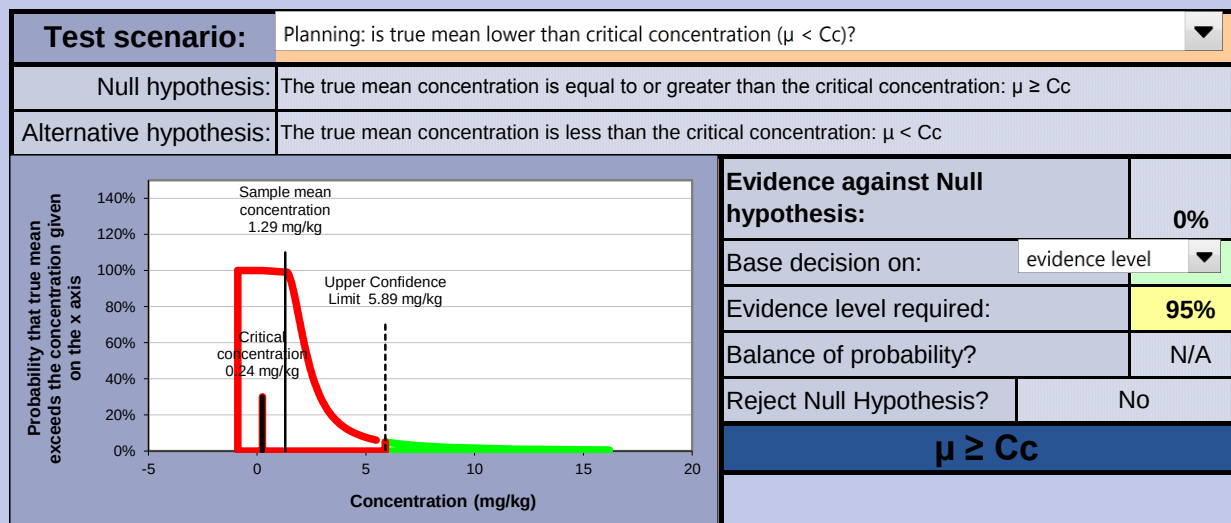
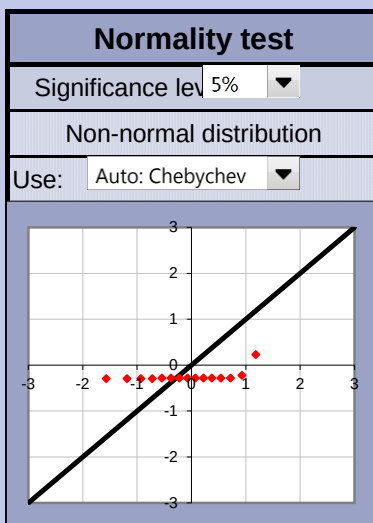
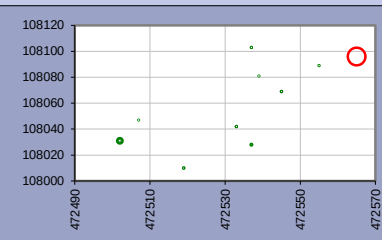
Project ref: Former Colt Internati Data description:

User details: James Dalziel

Dataset	D(ah)A (mg/kg)
Sample mean, $\bar{x}$ (mg/kg)	1.2906
Sample standard deviation, s	4.2239
Sample size, n	16
Critical concentration, Cc (mg/kg)	0.24



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

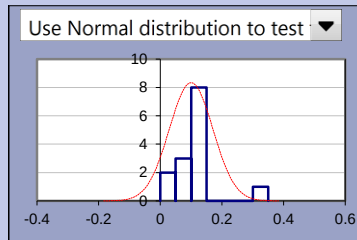
Client/client ref: Drew Smith Gro Site ref: GWPR3192_NW

Date: 08-Nov-2019

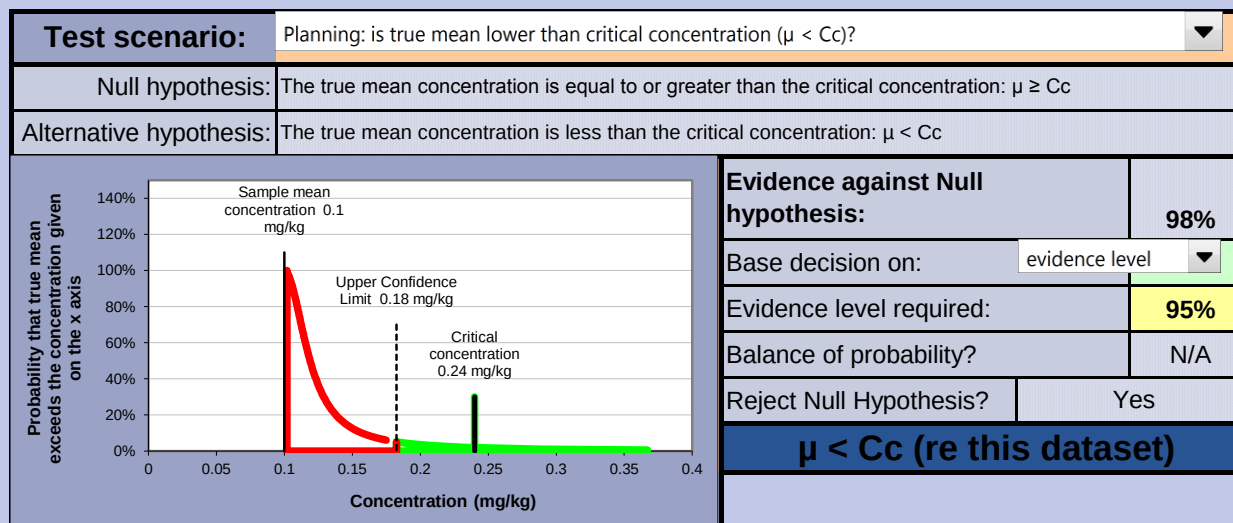
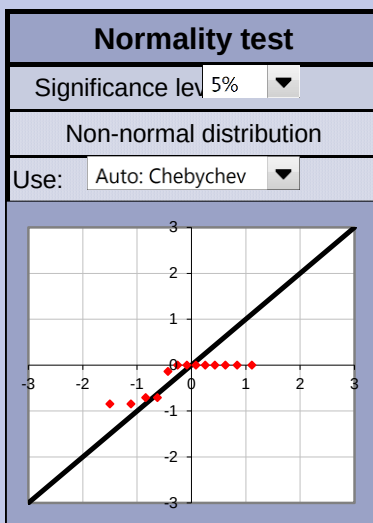
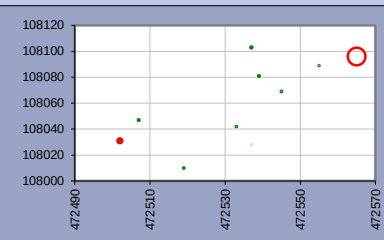
Project ref: Former Colt Internati Data description:

User details: James Dalziel

Dataset	D(ah)A (mg/kg)
Sample mean $\bar{x}$, (mg/kg)	1.2906
Sample standard deviation, s	4.2239
Sample size, n	16
Critical concentration, Cc (mg/kg)	0.24



Outliers & non-detects	
Outliers present?	YES
Significance level	5%
Outliers removed?	2
Non-detects	0



Back to data

Back to summary

Go to outlier test

Go to normality test

APPENDIX G
Asbestos Risk Assessment

Site information	Job Number	GWPR3192								
	Trial Hole Depth (m bgl)				BH2 0.6					
Asbestos Type Considerations	Abestos type	Chrysotile			Amosite			Crocidolite		
	Kasbestos Soil Concentration (Quantification Result in %)	1.3			1.7			2.0		
Soil Type Considerations	Soil Type	Sand	Sandy Clay	Clay	Sand	Sandy Clay	Clay	Sand	Sandy Clay	Clay
	Ksoil	2.9	1.7	0.93	2.9	1.7	0.93	2.9	1.7	0.93
	Enter the relevant from the above				2.9					
Constants	Koverall	1.6			1.6			1.6		
	Dust Concentration (mg/m3)	0.1			0.1			0.1		
	Dry Conditions Exposure (hrs)	750			750			750		
	Occupation hours in a year	1920			1920			1920		
Calculation Results	fibre/ml per mg/m3				0.0062					
	fibre/ml				0.00062					
	fibre/ml.hr				0.462					
	fibre/ml.year				0.000241					
Mesothelioma Accumulated Risk	Age (exposure commences)	0			0			0		
	Risk persists for (Years)	60			60			60		
	Cummulative Age Adjustment Factor	16.8			16.8			16.8		
	fibre/ml.year (cumulative)				0.00404					
Lung Cancer Accumulated Risk	Risk persists for (Years)	60			60			60		
	fibre/ml.year (cumulative)				0.00289					

BACKGROUND

The fibre concentration within the airborne soil dust (in fibres/ml per mg/m³) was calculated based on the results of Addison et al 1988 and the CIRIA Masterclass presentation "Estimating cumulative exposure to airborne asbestos from asbestos in soil" by Alan Jones.

The dry conditions exposure (750hrs) was based upon regional meteorological data suggesting 150hrs of dry conditions per year, when applied over a 5-year segment this equates to 750hours.

A worst-case exposure scenario has been considered for residents, groundworkers or generally end-users. This was based on the risk persisting for a period of 60 years, accumulated in 5-year increments. As the risk of mesothelioma is age dependent, this considered the exposure commencing at age 0 with the relevant age adjustment factor applied for each 5-year increment.

$$((\text{Kasbestostype} \times \text{Ksoil}) \div \text{Koverall}) \times \text{Soil Concentration} = \text{fibre/ml per mg/m}^3$$

$$\text{Fibre/ml per mg/m}^3 \times \text{Dust Concentration} = \text{fibre/ml}$$

$$(\text{f/ml} \times \text{Dry Conditions Exposure (hrs)}) = \text{fibre/ml.hr}$$

$$\text{Fibre/ml.hr} \div \text{occupational hours per year} = \text{fibre/ml.year}$$

Mesothelioma: fibre/ml.year x 16.8 (cumulative age adjustment factor for 60 years)

Lung Cancer: fibre/ml.year x 12 (60 years in 5-year increments)

Site information	Job Number Trial Hole Depth (m bgl)	GWPR3261								
		BH14 0.3								
Asbestos Type Considerations	Abestos type	Chrysotile 1.3			Amosite 1.7			Crocidolite 2.0		
	Soil Concentration (Quantification Result in %)	0.012								
Soil Type Considerations	Soil Type	Sand 2.9	Sandy Clay 1.7	Clay 0.93	Sand 2.9	Sandy Clay 1.7	Clay 0.93	Sand 2.9	Sandy Clay 1.7	Clay 0.93
	Ksoil									
	Enter the relevant from the above	2.9								
Constants	Koverall	1.6			1.6			1.6		
	Dust Concentration (mg/m3)	0.1			0.1			0.1		
	Dry Conditions Exposure (hrs)	750			750			750		
	Occupation hours in a year	1920			1920			1920		
Calculation Results	fibre/ml per mg/m3	0.02828								
	fibre/ml	0.002828								
	fibre/ml.hr	2.121								
	fibre/ml.year	0.001104								
Mesothelioma Accumulated Risk	Age (exposure commences)	0			0			0		
	Risk persists for (Years)	60			60			60		
	Cummulative Age Adjustment Factor	16.8			16.8			16.8		
	fibre/ml.year (cumulative)	0.01856								
Lung Cancer Accumulated Risk	Risk persists for (Years)	60			60			60		
	fibre/ml.year (cumulative)	0.01325								

BACKGROUND

The fibre concentration within the airborne soil dust (in fibres/ml per mg/m³) was calculated based on the results of Addison et al 1988 and the CIRIA Masterclass presentation "Estimating cumulative exposure to airborne asbestos from asbestos in soil" by Alan Jones.

The dry conditions exposure (750hrs) was based upon regional meteorological data suggesting 150hrs of dry conditions per year, when applied over a 5-year segment this equates to 750hours.

A worst-case exposure scenario has been considered for residents, groundworkers or generally end-users. This was based on the risk persisting for a period of 60 years, accumulated in 5-year increments. As the risk of mesothelioma is age dependent, this considered the exposure commencing at age 0 with the relevant age adjustment factor applied for each 5-year increment.

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$$\text{Fibre/ml.hr} \div \text{occupational hours per year} = \text{fibre/ml.year}$$

Mesothelioma: fibre/ml.year x 16.8 (cumulative age adjustment factor for 60 years)

Lung Cancer: fibre/ml.year x 12 (60 years in 5-year increments)

APPENDIX H

Waste Hazard Assessment

Waste Classification Report



Y3KH9-4G7SQ-TD4NJ

Job name

GWPR3192

Description/Comments

Project

Former Colt International, New Lane, Havant PO9 2LZ

Site

Related Documents

#	Name	Description
None		

Waste Stream Template

Ground and Water V2 PA

Classified by

Name:
James Dalziel
Date:
25 Nov 2019 11:20 GMT
Telephone:
0333 600 1221

Company:
Ground and Water
2 The Long Barn
Norton Farm, Selborne Road
Alton
GU34 3NB

Report

Created by: James Dalziel
Created date: 25 Nov 2019 11:20 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS1	0.30	Non Hazardous		3
2	WS1[2]	2.00	Non Hazardous		5
3	WS2	0.50	Non Hazardous		7
4	WS3	2.00	Non Hazardous		9
5	WS4	1.50	Non Hazardous		12
6	WS5	1.50	Non Hazardous		14
7	WS6	0.50	Non Hazardous		16
8	WS7	0.50	Non Hazardous		18
9	WS8	0.30	Non Hazardous		20
10	WS9	0.50	Non Hazardous		22
11	WS11	0.80	Non Hazardous		24
12	WS13	0.50	Non Hazardous		26

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
13	WS14	0.50	Non Hazardous		28
14	WS15	1.00	Non Hazardous		30
15	WS16	0.50	Hazardous	HP 7, HP 11	32
16	WS16[2]	0.80	Hazardous	HP 7, HP 11	35
17	WS16[3]	1.00	Non Hazardous		38
18	WS17	0.30	Non Hazardous		40
19	WS17[2]	0.50	Non Hazardous		42
20	WS18	0.30	Non Hazardous		44
21	WS18[2]	1.00	Non Hazardous		46
22	WS19	0.30	Non Hazardous		48
23	WS19[2]	0.80	Non Hazardous		50
24	WS19[3]	1.00	Non Hazardous		52
25	WS20	0.30	Non Hazardous		54

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Appendix B: Rationale for selection of metal species	57
Appendix C: Version	58

Classification of sample: WS1

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

Sample details

Sample Name:	LoW Code:
WS1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.3%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.3% 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	lead { lead chromate }			1	167 mg/kg	1.56	260.489	mg/kg	0.0167 %		
	082-004-00-2	231-846-0	7758-97-6								
2	naphthalene				20.8 mg/kg		20.8	mg/kg	0.00208 %		
	601-052-00-2	202-049-5	91-20-3								
3	acenaphthylene				0.76 mg/kg		0.76	mg/kg	0.000076 %		
		205-917-1	208-96-8								
4	acenaphthene				39.7 mg/kg		39.7	mg/kg	0.00397 %		
		201-469-6	83-32-9								
5	fluorene				34.6 mg/kg		34.6	mg/kg	0.00346 %		
		201-695-5	86-73-7								
6	phenanthrene				213 mg/kg		213	mg/kg	0.0213 %		
		201-581-5	85-01-8								
7	anthracene				50.7 mg/kg		50.7	mg/kg	0.00507 %		
		204-371-1	120-12-7								
8	fluoranthene				258 mg/kg		258	mg/kg	0.0258 %		
		205-912-4	206-44-0								
9	pyrene				174 mg/kg		174	mg/kg	0.0174 %		
		204-927-3	129-00-0								
10	benzo[a]anthracene				91.8 mg/kg		91.8	mg/kg	0.00918 %		
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				88.8 mg/kg		88.8	mg/kg	0.00888 %		
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				101 mg/kg		101	mg/kg	0.0101 %		
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				35 mg/kg		35	mg/kg	0.0035 %		
	601-036-00-5	205-916-6	207-08-9								
14	benzo[a]pyrene; benzo[def]chrysene				67.3 mg/kg		67.3	mg/kg	0.00673 %		
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				48.5 mg/kg		48.5	mg/kg	0.00485 %		
		205-893-2	193-39-5								
16	dibenz[a,h]anthracene				8.54 mg/kg		8.54	mg/kg	0.000854 %		
	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				39.5 mg/kg		39.5 mg/kg	0.00395 %		
		205-883-8	191-24-2								
Total:									0.144 %		

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: WS1[2]

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

Sample details

Sample Name:	WS1[2]	LoW Code:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	2.00 m	Chapter:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
Moisture content:	6.2%		
	(no correction)		

Hazard properties

None identified

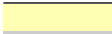
Determinands

Moisture content: 6.2% 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	pH				8 pH		8 pH	8pH		
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 }				<2 mg/kg	1.32	<2.641 mg/kg	<0.000264 %		<LOD
	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				5 mg/kg		5 mg/kg	0.0005 %		
			10101-53-8							
7	chromium { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
8	copper { dicopper oxide; copper (I) oxide }				<4 mg/kg	1.126	<4.504 mg/kg	<0.00045 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead chromate }			1	7 mg/kg	1.56	10.919 mg/kg	0.0007 %		
	082-004-00-2	231-846-0	7758-97-6							
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 }				6 mg/kg	1.579	9.477 mg/kg	0.000948 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
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									

#	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	vanadium {  divanadium pentaoxide; vanadium pentoxide }				8 mg/kg	1.785	14.281	mg/kg	0.00143 %		
	023-001-00-8	215-239-8	1314-62-1								
14	zinc {  zinc chromate }				11 mg/kg	2.774	30.516	mg/kg	0.00305 %		
	024-007-00-3										
15	phenol				<2 mg/kg		<2	mg/kg	<0.0002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
16	naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
17	 acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8								
18	 acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9								
19	 fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7								
20	 phenanthrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8								
21	 anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7								
22	 fluoranthene				0.11 mg/kg		0.11	mg/kg	0.000011 %		
		205-912-4	206-44-0								
23	 pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
28	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								
29	 indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5								
30	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								
31	 benzo[ghi]perylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2								
Total:									0.0107 %		

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: WS2

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

Sample details

Sample Name:	LoW Code:
WS2	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 8% 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 chromate }			1	321 mg/kg	1.56	500.701 mg/kg	0.0321 %			
	082-004-00-2	231-846-0	7758-97-6								
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				0.12 mg/kg		0.12 mg/kg	0.000012 %			
		205-917-1	208-96-8								
4	acenaphthene				2.12 mg/kg		2.12 mg/kg	0.000212 %			
		201-469-6	83-32-9								
5	fluorene				2 mg/kg		2 mg/kg	0.0002 %			
		201-695-5	86-73-7								
6	phenanthrene				21 mg/kg		21 mg/kg	0.0021 %			
		201-581-5	85-01-8								
7	anthracene				4.58 mg/kg		4.58 mg/kg	0.000458 %			
		204-371-1	120-12-7								
8	fluoranthene				29.3 mg/kg		29.3 mg/kg	0.00293 %			
		205-912-4	206-44-0								
9	pyrene				19.9 mg/kg		19.9 mg/kg	0.00199 %			
		204-927-3	129-00-0								
10	benzo[a]anthracene				13.1 mg/kg		13.1 mg/kg	0.00131 %			
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				10.2 mg/kg		10.2 mg/kg	0.00102 %			
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				14.6 mg/kg		14.6 mg/kg	0.00146 %			
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				3.88 mg/kg		3.88 mg/kg	0.000388 %			
	601-036-00-5	205-916-6	207-08-9								
14	benzo[a]pyrene; benzo[def]chrysene				9.22 mg/kg		9.22 mg/kg	0.000922 %			
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				7.57 mg/kg		7.57 mg/kg	0.000757 %			
		205-893-2	193-39-5								
16	dibenz[a,h]anthracene				1.54 mg/kg		1.54 mg/kg	0.000154 %			
	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				6.1 mg/kg		6.1 mg/kg		0.00061 %		
		205-883-8	191-24-2								
Total:									0.0466 %		

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: WS3

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

Sample details

Sample Name:	WS3	LoW Code:	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	2.00 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)	
Moisture content:	14.2% (no correction)			

Hazard properties

None identified

Determinands

Moisture content: 14.2% 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	pH				8 pH		8 pH	8pH		
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 }				8 mg/kg	1.32	10.563 mg/kg	0.00106 %		
	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				26 mg/kg		26 mg/kg	0.0026 %		
			10101-53-8							
7	chromium { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
8	copper { dicopper oxide; copper (I) oxide }				42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead chromate }			1	53 mg/kg	1.56	82.67 mg/kg	0.0053 %		
	082-004-00-2	231-846-0	7758-97-6							
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 }				22 mg/kg	1.579	34.749 mg/kg	0.00347 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
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									

#	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	vanadium { divanadium pentaoxide ; vanadium pentoxide }				40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				286	mg/kg	2.774	793.406	mg/kg	0.0793 %		
	024-007-00-3											
15	phenol				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
16	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
19	fluorene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		201-695-5	86-73-7									
20	phenanthrene				1.04	mg/kg		1.04	mg/kg	0.000104 %		
		201-581-5	85-01-8									
21	anthracene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
		204-371-1	120-12-7									
22	fluoranthene				1.37	mg/kg		1.37	mg/kg	0.000137 %		
		205-912-4	206-44-0									
23	pyrene				1	mg/kg		1	mg/kg	0.0001 %		
		204-927-3	129-00-0									
24	benzo[a]anthracene				0.85	mg/kg		0.85	mg/kg	0.000085 %		
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				0.78	mg/kg		0.78	mg/kg	0.000078 %		
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				0.48	mg/kg		0.48	mg/kg	0.000048 %		
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
		205-893-2	193-39-5									
30	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									
31	benzo[ghi]perylene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		205-883-8	191-24-2									
32	benzene				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
33	toluene				<5	mg/kg		<5	mg/kg	<0.0005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
34	ethylbenzene				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
35	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]									
36	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]									
37	diesel petroleum group				254	mg/kg		254	mg/kg	0.0254 %		
			68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9									
38	TPH (C6 to C40) petroleum group				260	mg/kg		260	mg/kg	0.026 %		
			TPH									
Total:										0.16 %		

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 Heavy-end hydrocarbons not flammable at given concentrations.

Hazard Statements hit:

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

Because of determinands:

diesel petroleum group: (conc.: 0.0254%)

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

Classification of sample: WS4



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

Sample details

Sample Name:	LoW Code:
WS4	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 9% 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 chromate }			1	10 mg/kg	1.56	15.598 mg/kg	0.001 %			
	082-004-00-2	231-846-0	7758-97-6								
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:									0.00116 %		

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: WS5



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

Sample details

Sample Name:	LoW Code:
WS5	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.8%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.8% 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 chromate }			1	55 mg/kg	1.56	85.79	mg/kg	0.0055 %		
	082-004-00-2	231-846-0	7758-97-6								
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:									0.00566 %		

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: WS6



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

Sample details

Sample Name:	LoW Code:
WS6	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11.6%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **11.6%** 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 chromate }			1	17 mg/kg	1.56	26.517	mg/kg	0.0017 %		
	082-004-00-2	231-846-0	7758-97-6								
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				0.71 mg/kg		0.71	mg/kg	0.000071 %		
		201-581-5	85-01-8								
7	anthracene				0.17 mg/kg		0.17	mg/kg	0.000017 %		
		204-371-1	120-12-7								
8	fluoranthene				0.91 mg/kg		0.91	mg/kg	0.000091 %		
		205-912-4	206-44-0								
9	pyrene				0.76 mg/kg		0.76	mg/kg	0.000076 %		
		204-927-3	129-00-0								
10	benzo[a]anthracene				0.57 mg/kg		0.57	mg/kg	0.000057 %		
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				0.29 mg/kg		0.29	mg/kg	0.000029 %		
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				0.54 mg/kg		0.54	mg/kg	0.000054 %		
	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				0.38 mg/kg		0.38	mg/kg	0.000038 %		
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				0.43 mg/kg		0.43	mg/kg	0.000043 %		
		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				0.28 mg/kg		0.28 mg/kg	0.000028 %		
			205-883-8	191-24-2							
Total:									0.00227 %		

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: WS7

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

Sample details

Sample Name:	LoW Code:
WS7	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **15% 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 chromate }			1	89 mg/kg	1.56	138.824 mg/kg	0.0089 %			
	082-004-00-2	231-846-0	7758-97-6								
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				0.32 mg/kg		0.32 mg/kg	0.000032 %			
		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				0.64 mg/kg		0.64 mg/kg	0.000064 %			
		205-912-4	206-44-0								
9	pyrene				0.52 mg/kg		0.52 mg/kg	0.000052 %			
		204-927-3	129-00-0								
10	benzo[a]anthracene				0.46 mg/kg		0.46 mg/kg	0.000046 %			
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				0.19 mg/kg		0.19 mg/kg	0.000019 %			
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				0.48 mg/kg		0.48 mg/kg	0.000048 %			
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
	601-036-00-5	205-916-6	207-08-9								
14	benzo[a]pyrene; benzo[def]chrysene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				0.41 mg/kg		0.41 mg/kg	0.000041 %			
		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				0.26 mg/kg		0.26 mg/kg	0.000026 %		
			205-883-8	191-24-2							
Total:									0.00933 %		

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: WS8



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

Sample details

Sample Name:	LoW Code:
WS8	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3.6%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.6% 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 chromate }			1	9 mg/kg	1.56	14.038 mg/kg	0.0009 %			
	082-004-00-2	231-846-0	7758-97-6								
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:									0.00106 %		

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: WS9



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

Sample details

Sample Name:	LoW Code:
WS9	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.8%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.8% 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 chromate }			1	5 mg/kg	1.56	7.799	mg/kg	0.0005 %		
	082-004-00-2	231-846-0	7758-97-6								
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:									0.00066 %		

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: WS11



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

Sample details

Sample Name:	LoW Code:
WS11	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.80 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11.5%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **11.5%** 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 chromate }			1	17 mg/kg	1.56	26.517	mg/kg	0.0017 %		
	082-004-00-2	231-846-0	7758-97-6								
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				0.24 mg/kg		0.24	mg/kg	0.000024 %		
		205-912-4	206-44-0								
9	pyrene				0.18 mg/kg		0.18	mg/kg	0.000018 %		
		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				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				0.21 mg/kg		0.21	mg/kg	0.000021 %		
	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:									0.00192 %			

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: WS13



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

Sample details

Sample Name:	LoW Code:
WS13	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14.1%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **14.1%** 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 chromate }			1	<3 mg/kg	1.56	<4.679 mg/kg	<0.0003 %			<LOD
	082-004-00-2	231-846-0	7758-97-6								
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:										0.00046 %		

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: WS14



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

Sample details

Sample Name:	LoW Code:
WS14	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13.8%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **13.8%** 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 chromate }			1	9 mg/kg	1.56	14.038 mg/kg	0.0009 %			
	082-004-00-2	231-846-0	7758-97-6								
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:									0.00106 %		

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: WS15



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

Sample details

Sample Name:	LoW Code:
WS15	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.2%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.2% 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 chromate }			1	<3 mg/kg	1.56	<4.679 mg/kg		<0.0003 %		<LOD
	082-004-00-2	231-846-0	7758-97-6								
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				0.11 mg/kg		0.11 mg/kg		0.000011 %		
		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:								0.00046 %		

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: WS16

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

Sample details

Sample Name:	LoW Code:
WS16	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
17.2%	
(no correction)	

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.455%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.455%)

Determinands

Moisture content: **17.2% 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	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 }				3 mg/kg	1.32	3.961	mg/kg	0.000396 %		
	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								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
6	Chromium (III) Sulphate				14 mg/kg		14 mg/kg	0.0014 %		
			10101-53-8							
7	chromium { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846 mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
8	copper { dicopper oxide; copper (I) oxide }				<4 mg/kg	1.126	<4.504 mg/kg	<0.00045 %		<LOD
	029-002-00-X	215-270-7	1317-39-1							
9	lead { lead chromate }			1	<3 mg/kg	1.56	<4.679 mg/kg	<0.0003 %		<LOD
	082-004-00-2	231-846-0	7758-97-6							
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 }				7 mg/kg	1.579	11.056 mg/kg	0.00111 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]							
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 }				18 mg/kg	1.785	32.133 mg/kg	0.00321 %		
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc chromate }				26 mg/kg	2.774	72.128 mg/kg	0.00721 %		
	024-007-00-3									
15	phenol				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
16	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
20	phenanthrene				1.57 mg/kg		1.57 mg/kg	0.000157 %		
		201-581-5	85-01-8							
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0							
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0							
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
28	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							
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
30	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							
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2							
32	benzene				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
33	toluene				<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
	601-021-00-3	203-625-9	108-88-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
34	ethylbenzene				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
35	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]							
36	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]							
37	diesel petroleum group		68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9		4471 mg/kg		4471 mg/kg	0.447 %		
38	TPH (C6 to C40) petroleum group		TPH		4553 mg/kg		4553 mg/kg	0.455 %		
Total:								0.921 %		

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 Heavy-end hydrocarbons not flammable at given concentrations.

Hazard Statements hit:

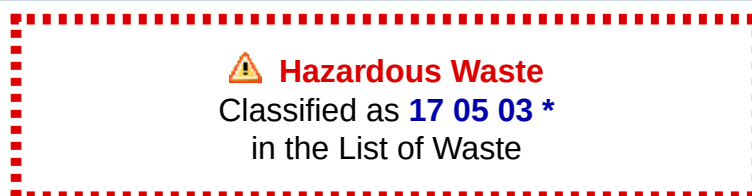
Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

diesel petroleum group: (conc.: 0.447%)

TPH (C6 to C40) petroleum group: (conc.: 0.455%)

Classification of sample: WS16[2]



Sample details

Sample Name:	LoW Code:	
WS16[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
0.80 m		
Moisture content:		
18.2%		
(no correction)		

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.352%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.352%)

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	pH				6.4 pH		6.4	pH	6.4 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 }				4 mg/kg	1.32	5.281	mg/kg	0.000528 %		
	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								

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
6	Chromium (III) Sulphate				11	mg/kg		11	mg/kg	0.0011 %		
			10101-53-8									
7	chromium { chromium(VI) oxide }				<2	mg/kg	1.923	<3.846	mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
8	copper { dicopper oxide; copper (I) oxide }				<4	mg/kg	1.126	<4.504	mg/kg	<0.00045 %		<LOD
	029-002-00-X	215-270-7	1317-39-1									
9	lead { lead chromate }			1	<3	mg/kg	1.56	<4.679	mg/kg	<0.0003 %		<LOD
	082-004-00-2	231-846-0	7758-97-6									
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 }				10	mg/kg	1.579	15.795	mg/kg	0.00158 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]									
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 }				14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				17	mg/kg	2.774	47.16	mg/kg	0.00472 %		
	024-007-00-3											
15	phenol				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
16	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
19	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
20	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
21	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
22	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
24	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	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									
29	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
30	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									
31	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
32	benzene				<2	mg/kg		<2	mg/kg	<0.0002 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
33	toluene				<5	mg/kg		<5	mg/kg	<0.0005 %		<LOD
	601-021-00-3	203-625-9	108-88-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
34	ethylbenzene				<2 mg/kg		<2 mg/kg	<0.0002 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
35	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]							
36	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]							
37	diesel petroleum group		68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9		3448 mg/kg		3448 mg/kg	0.345 %		
38	TPH (C6 to C40) petroleum group		TPH		3519 mg/kg		3519 mg/kg	0.352 %		
Total:								0.713 %		

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 Heavy-end hydrocarbons not flammable at given concentrations.

Hazard Statements hit:

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

Because of determinands:

diesel petroleum group: (conc.: 0.345%)

TPH (C6 to C40) petroleum group: (conc.: 0.352%)

Classification of sample: WS16[3]



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

Sample details

Sample Name:	LoW Code:
WS16[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.7%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **18.7%** 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	lead { lead chromate }			1	<3 mg/kg	1.56	<4.679 mg/kg	<0.0003 %			<LOD
	082-004-00-2	231-846-0	7758-97-6								
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:										0.00046 %		

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: WS17



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

Sample details

Sample Name:	LoW Code:
WS17	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.1%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **19.1%** 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 chromate }			1	<3 mg/kg	1.56	<4.679 mg/kg	<0.0003 %			<LOD
	082-004-00-2	231-846-0	7758-97-6								
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:										0.00046 %		

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: WS17[2]



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

Sample details

Sample Name:	LoW Code:
WS17[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.50 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.4%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.4% 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				7.7 pH		7.7	pH	7.7 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 }				7 mg/kg	1.884	13.188	mg/kg	0.00132 %		
	006-007-00-5										
3	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125	mg/kg	0.00211 %		
	033-003-00-0	215-481-4	1327-53-3								
4	boron { boron tribromide/trichloride/trifluoride (combined) }				1.9 mg/kg	13.43	25.517	mg/kg	0.00255 %		
			10294-33-4, 10294-34-5, 7637-07-2								
5	cadmium { cadmium sulfide }			1	0.3 mg/kg	1.285	0.386	mg/kg	0.00003 %		
	048-010-00-4	215-147-8	1306-23-6								
6	Chromium (III) Sulphate				19 mg/kg		19	mg/kg	0.0019 %		
			10101-53-8								
7	chromium { chromium(VI) oxide }				<2 mg/kg	1.923	<3.846	mg/kg	<0.000385 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
8	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								
9	lead { lead chromate }			1	859 mg/kg	1.56	1339.881	mg/kg	0.0859 %		
	082-004-00-2	231-846-0	7758-97-6								
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 }				12 mg/kg	1.579	18.954	mg/kg	0.0019 %		
	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]								
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										

#	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	vanadium { divanadium pentaoxide; vanadium pentoxide }				44 mg/kg	1.785	78.548 mg/kg	0.00785 %			
	023-001-00-8	215-239-8	1314-62-1								
14	zinc { zinc chromate }				99 mg/kg	2.774	274.641 mg/kg	0.0275 %			
	024-007-00-3										
15	phenol				<2 mg/kg		<2 mg/kg	<0.0002 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
16	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.91 mg/kg		0.91 mg/kg	0.000091 %			
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				1.25 mg/kg		1.25 mg/kg	0.000125 %			
		205-912-4	206-44-0								
23	pyrene				0.99 mg/kg		0.99 mg/kg	0.000099 %			
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.67 mg/kg		0.67 mg/kg	0.000067 %			
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.74 mg/kg		0.74 mg/kg	0.000074 %			
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.82 mg/kg		0.82 mg/kg	0.000082 %			
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.27 mg/kg		0.27 mg/kg	0.000027 %			
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.45 mg/kg		0.45 mg/kg	0.000045 %			
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.47 mg/kg		0.47 mg/kg	0.000047 %			
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
		205-883-8	191-24-2								
Total:									0.137 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	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: WS18



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

Sample details

Sample Name:	LoW Code:
WS18	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.6%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **18.6%** 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 chromate }			1	<3 mg/kg	1.56	<4.679 mg/kg	<0.0003 %			<LOD
	082-004-00-2	231-846-0	7758-97-6								
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:										0.00046 %		

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: WS18[2]



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

Sample details

Sample Name:	LoW Code:
WS18[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% 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 chromate }			1	274 mg/kg	1.56	427.389 mg/kg	0.0274 %			
	082-004-00-2	231-846-0	7758-97-6								
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				0.35 mg/kg		0.35 mg/kg	0.000035 %			
		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				0.84 mg/kg		0.84 mg/kg	0.000084 %			
		205-912-4	206-44-0								
9	pyrene				0.69 mg/kg		0.69 mg/kg	0.000069 %			
		204-927-3	129-00-0								
10	benzo[a]anthracene				0.6 mg/kg		0.6 mg/kg	0.00006 %			
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				0.44 mg/kg		0.44 mg/kg	0.000044 %			
	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				0.21 mg/kg		0.21 mg/kg	0.000021 %			
	601-036-00-5	205-916-6	207-08-9								
14	benzo[a]pyrene; benzo[def]chrysene				0.43 mg/kg		0.43 mg/kg	0.000043 %			
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				0.48 mg/kg		0.48 mg/kg	0.000048 %			
		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				0.31 mg/kg		0.31 mg/kg	0.000031 %		
			205-883-8	191-24-2							
Total:									0.028 %		

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: WS19



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

Sample details

Sample Name:	LoW Code:
WS19	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.4%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **19.4%** 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 chromate }			1	3 mg/kg	1.56	4.679	mg/kg	0.0003 %		
	082-004-00-2	231-846-0	7758-97-6								
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				0.25 mg/kg		0.25	mg/kg	0.000025 %		
	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:									0.00047 %		

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: WS19[2]



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

Sample details

Sample Name:	LoW Code:
WS19[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.80 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.5%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **19.5%** 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 chromate }			1	403	mg/kg	1.56	628.606	mg/kg	0.0403 %		
	082-004-00-2	231-846-0	7758-97-6									
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				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		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				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		205-912-4	206-44-0									
9	pyrene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
		204-927-3	129-00-0									
10	benzo[a]anthracene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
	601-033-00-9	200-280-6	56-55-3									
11	chrysene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
	601-048-00-0	205-923-4	218-01-9									
12	benzo[b]fluoranthene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
	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				0.19	mg/kg		0.19	mg/kg	0.000019 %		
	601-032-00-3	200-028-5	50-32-8									
15	indeno[123-cd]pyrene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		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				0.2 mg/kg	0.2 mg/kg	0.00002 %			
			205-883-8	191-24-2							
Total:									0.0406 %		

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: WS19[3]



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

Sample details

Sample Name:	LoW Code:
WS19[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
25%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 25% 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 chromate }			1	444 mg/kg	1.56	692.558 mg/kg	0.0444 %			
	082-004-00-2	231-846-0	7758-97-6								
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:									0.0446 %			

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: WS20



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

Sample details

Sample Name:	LoW Code:
WS20	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.30 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
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	lead { lead chromate }			1	84 mg/kg	1.56	131.024 mg/kg	0.0084 %			
	082-004-00-2	231-846-0	7758-97-6								
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				0.54 mg/kg		0.54 mg/kg	0.000054 %			
		201-581-5	85-01-8								
7	anthracene				0.18 mg/kg		0.18 mg/kg	0.000018 %			
		204-371-1	120-12-7								
8	fluoranthene				0.93 mg/kg		0.93 mg/kg	0.000093 %			
		205-912-4	206-44-0								
9	pyrene				0.64 mg/kg		0.64 mg/kg	0.000064 %			
		204-927-3	129-00-0								
10	benzo[a]anthracene				0.57 mg/kg		0.57 mg/kg	0.000057 %			
	601-033-00-9	200-280-6	56-55-3								
11	chrysene				0.37 mg/kg		0.37 mg/kg	0.000037 %			
	601-048-00-0	205-923-4	218-01-9								
12	benzo[b]fluoranthene				0.62 mg/kg		0.62 mg/kg	0.000062 %			
	601-034-00-4	205-911-9	205-99-2								
13	benzo[k]fluoranthene				0.16 mg/kg		0.16 mg/kg	0.000016 %			
	601-036-00-5	205-916-6	207-08-9								
14	benzo[a]pyrene; benzo[def]chrysene				0.36 mg/kg		0.36 mg/kg	0.000036 %			
	601-032-00-3	200-028-5	50-32-8								
15	indeno[123-cd]pyrene				0.42 mg/kg		0.42 mg/kg	0.000042 %			
		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				0.32	mg/kg	0.32	mg/kg	0.000032 %	
		205-883-8	191-24-2								
Total:								0.00896 %			

Key

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

Appendix A: Classifier defined and non CLP determinands

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: 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 Jul 2015

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 Aug 2015

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 Aug 2015

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 Jul 2015

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 Aug 2015

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 Aug 2015

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 Aug 2015

Hazard Statements: Carc. 2 H351

■ **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015

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

Data source date: 23 Jul 2015

Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400

■ **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

CLP index number: 006-007-00-5

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

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

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

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

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

▪ **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 Aug 2015

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 Jun 2015

Hazard Statements: None.

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

CLP index number: 601-023-00-4

Description/Comments:

Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)

Additional Hazard Statement(s): Carc. 2 H351

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

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

▪ **diesel petroleum group** (CAS Number: 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Aquatic Chronic 2 H411 , STOT RE 2 H373 , Asp. Tox. 1 H304 , Carc. 2 H351 , Acute Tox. 4 H332 , Skin Irrit. 2 H315 , Flam. Liq. 3 H226

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: 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

Appendix B: Rationale for selection of metal species

lead {lead chromate}

Worst case species based on risk phrases

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

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(VI) oxide}

Worst case species based on risk phrases

copper {dicopper oxide; copper (I) oxide}

Most likely common species

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 sulphoselenide and those specified elsewhere in this Annex}

Worst case species based on risk phrases

vanadium {divanadium pentaoxide; vanadium pentoxide}

most common form

zinc {zinc chromate}

Worst case species based on risk phrases

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2019.316.4053.8153 (12 Nov 2019)

HazWasteOnline Database: 2019.316.4053.8153 (12 Nov 2019)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018

CLP Regulation - Regulation 1272/2008/EC of 16 December 2008

1st ATP - Regulation 790/2009/EC of 10 August 2009

2nd ATP - Regulation 286/2011/EC of 10 March 2011

3rd ATP - Regulation 618/2012/EU of 10 July 2012

4th ATP - Regulation 487/2013/EU of 8 May 2013

Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013

5th ATP - Regulation 944/2013/EU of 2 October 2013

6th ATP - Regulation 605/2014/EU of 5 June 2014

WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014

Revised List of 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

HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017

13th ATP - Regulation (EU) 2018/1480 of 4 October 2018

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