JNP GROUP

CONSULTING ENGINEERS

Remediation Strategy

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Birchencliffe,
Huddersfield

Client: Newett Homes

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INTRODUCTION

1.1.1 JNP Group was instructed by Newett Homes to undertake a remediation strategy for a site known as Yew Tree Road, Birchencliffe, Huddersfield (hereinafter referred to as 'the site'). This report is subject to the limitations presented in **Appendix A.**

1.1.2 The site is located to the south of Yew Tree Road, Birchencliffe, approximately 4.1km to the northwest of Huddersfield town centre (see Figure 1 Key Plan). The centre of the site is located at National Grid Reference SE 119 190. The site covers an area of approximately 1 hectare.

1.1.3 It is understood that the site is to be developed with a number of residential properties, with roads and areas of hardstanding for access servicing and parking, and with private gardens.

1.1.4 Any comments given are based on the understanding that the proposed redevelopment will be as detailed above.

1.1.5 It should be noted that if there are any changes to the proposed redevelopment it may affect whether the remediation strategy outlined in this report is still appropriate and hence warrants further consideration.

1.1.6 Should there be any deviation from the agreed remediation strategy, then it may affect whether final discharge of any planning conditions pertaining to the site is granted by the Local Authority.

1.2 Objectives

1.2.1 The purpose of this report is to identify the Best Practicable Techniques(s) (BPT) for the remediation of the site. This has been achieved by undertaking an options appraisal of potential remediation techniques and then designing a sustainable remediation strategy including verification plan.

1.3 Methodology

1.3.1 This report has been compiled in accordance with the on-line Land contamination: risk management (LCRM) guidance produced by the Environment Agency (June 2019). This can be found on the UK government website: https://www.gov.uk/guidance/land-contamination-how-to-manage-the-risks.

1.3.2 The report has also been compiled in accordance with following guidance from the Yorkshire and Lincoln Pollution Advisory Group (YALPAG):

- Verification Requirements for Cover Systems. Technical Guidance for Developers, Landowners, and Consultants. Version 4.1, dated July 2021.
- Verification Requirements for Gas Protection Systems. Technical Guidance for Developers, Landowners, and Consultants Version 1.1, dated December 2016.

1.3.3 The LCRM guidance outlines a three-stage process in deriving a remediation strategy:

- Identification of Feasible Remediation Options – this considers the general and technical factors that may affect the remedial option as well as the remediation and managerial objectives and produces a short list of potential BPT;

- Detailed Evaluation of Options – this considers the characterisation of the short listed remedial options and remediation costs. An evaluation of environmental attributes is undertaken to select the BPT most suitable for the site;
- Remediation Strategy Design – this identifies the areas of the site requiring remediation and how the works are to be phased. It outlines the verification process and plan which ensure that the remediation works are complete in line with the desired remediation and managerial objectives.

1.3.4 This report should be read in conjunction with the following reports:

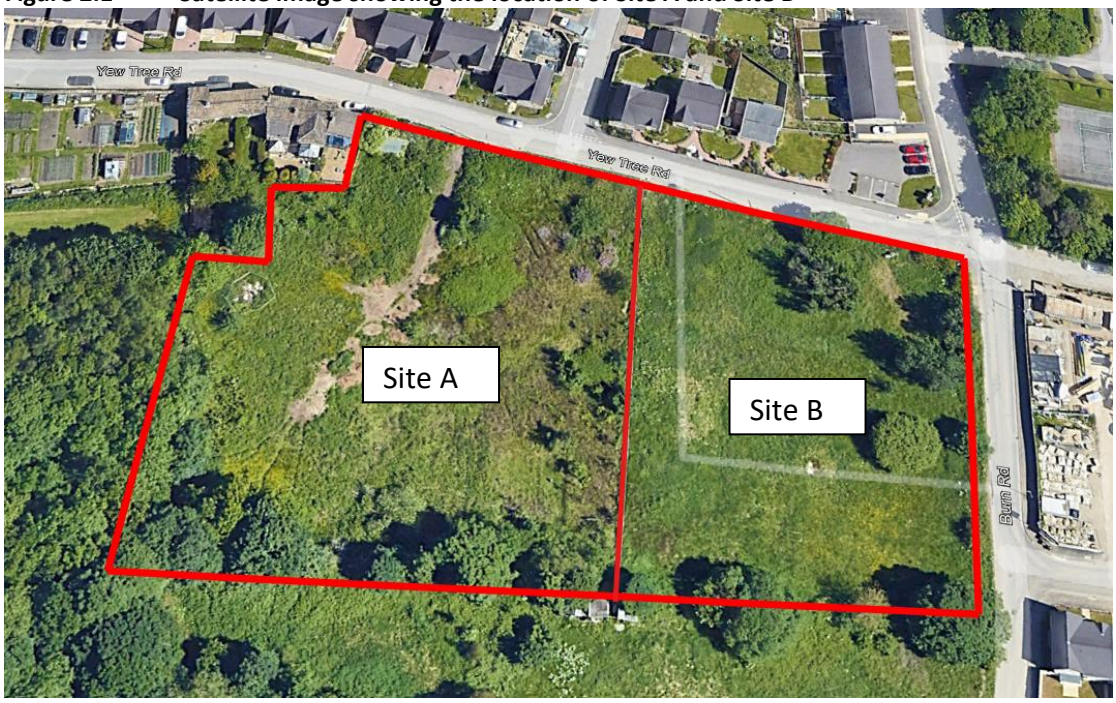
- JNP Group S12597-JNP-XX-XX-RP-G-1001 P01 'Phase II Geo-environmental Report', dated March 2025.

2 REMEDIATION REQUIREMENTS

2.1 General

2.1.1 A ground investigation was undertaken by RGS between the spring and summer of 2022. The site was separated into Site A (in the west) and Site B (in the east) by RGS as shown on Figure 2.1.

Figure 2.1 Satellite image showing the location of Site A and Site B



2.1.2 The intrusive site work for Site A was undertaken by RGS between the spring and summer of 2022 and comprised six windowless sample boreholes (WS01-WS06), three dynamic probes (WS02, WS03 and WS04), four machine excavated trial pits (TP01-TP04), two soakaway pits (TPSA01 and TPSA02) and six water flush rotary open hole boreholes to prove presence of potential coal workings (RO1, RO2, RO4, RO5, RO7 and RO8). Three gas monitoring standpipes were installed (WS01, WS03 and WS05).

2.1.3 The intrusive site work for Site B was undertaken by RGS between the spring and summer of 2022 and comprised four windowless sample boreholes, dynamic probes (WS08, WS09 and DP11), five rotary open hole boreholes RO3, RO5, RO6, RO9 and RO10), seven mechanically excavated trial pits (TP05, TP06, TP06A, TP07, TP08) and two soakaway pits (TPSA03 and TPSA04).

2.1.4 Made ground was encountered across the Site A to depths between 0.15m and 0.40m bgl and generally consisted of a 'firm dark brown slightly sandy silty clay with rare gravel of plastic and glass'. Made ground was underlain by cohesive soils to >4m bgl consisting of either a 'firm greyish brown sandy gravelly laminated clay' or 'firm locally stiff gravelly silty clay'. Gravels consisted of sandstone and rare coal. Potentially reworked cohesive soils described as 'firm locally stiff dark brown mottled orangish brown light grey and dark grey sandy gravelly silty clay' was encountered in WS05 and WS06 to the south of the site. The

cohesive soils were underlain by interbedded sandstone and mudstone of the Pennine Lower Coal Measures Formation to >30m bgl.

2.1.5 Topsoil was encountered in all exploratory hole locations across Site B to depths between 0.15m and 0.30m bgl and was described as 'dark brown organic silty fine sand'. The topsoil was underlain by cohesive soils of either a 'soft to firm silty clay with lithorelics of sandstone' or a 'firm locally stiff brown locally mottled dark brown silty gravelly clay'. Gravels consisted of sandstone and rare coal to depths of >1.20m and >3.00m bgl. Potentially reworked clay was encountered in WS09, WS10 and TPSA03 to depths between 1.40m and 2.30m bgl, comprising 'soft to stiff brown mottled grey and orangish brown slightly sandy slightly gravelly clay with low cobble content'. The gravel and cobbles consisted of sandstone, mudstone and coal. The cohesive soils were underlain by interbedded sandstone and mudstone of the Pennine Lower Coal Measures Formation to >30m bgl.

2.1.6 Additional site work was undertaken by JNP Group on 12 March 2025 and comprised ten trial pits (TP201- TP211) across the whole site (combined Site A and Site B). The pits were excavated using a JCB 3CX excavator and logged by a ground engineering specialist by examining soil samples brought to the surface. These works were undertaken to Delineate contamination in the near surface soils.

2.1.7 Topsoil was encountered in all exploratory hole locations, except TP205, TP207 and TP208, to depths between 0.10m and 0.30m bgl. Topsoil was generally described as a dark brown gravelly clay with frequent rootlets. The proportion of clay and gravel varied between exploratory holes. The gravel fraction comprised sandstone, siltstone and mudstone.

2.1.8 Made ground was encountered in TP205, TP207 and TP208, to depths between 0.30m and 0.70m bgl. Made ground was typically described as a dark brown sandy gravelly clay with occasional cobbles and glass fragments. The proportion of clay, sand and gravel varied between exploratory holes. The gravel fraction comprised brick, clinker, pottery and sandstone.

2.1.9 Soils inferred to be of the Pennine Lower Coal Measures Formation were encountered in all exploratory holes to depths between 0.90m and 2.00m bgl. The cohesive deposits were generally described as firm orangish brown mottled grey slightly sandy gravelly clay. The proportion of clay, sand and gravel varied between exploratory holes. The gravel fraction comprised fine grained sandstone and siltstone.

2.1.10 Bedrock inferred to be of the Pennine Lower Coal Measures Formation were encountered in all exploratory holes from depths between 0.90m and 2.70m bgl. Bedrock was generally described as an extremely weak or weak grey mudstone, orangish brown fine-grained sandstone or orangish brown siltstone. Bedrock was typically recovered as gravel or cobbles.

2.2 Pollutant Linkages

2.2.1 From the ground investigation and subsequent assessment undertaken at the site in the spring and summer of 2022, localised contamination was recorded within the near surface soils in the following locations:

- WS07 in the north-west of Site B at 0.10m bgl (benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, benzo[g,h,i]perylene).
- WS08 in the north-east of Site B at 0.20m bgl (benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, Indeno(1,2,3-c,d)pyrene, dbenz(a,h)anthracene, benzo[g,h,i]perylene)

2.2.2 Visual evidence of detrital material consisting of plastic and glass was encountered in the made ground across Site A to depths between 0.15m and 0.40m bgl.

2.2.3 From the ground investigation and subsequent assessment undertaken at the site in March 2025, contamination was recorded within the topsoil and made ground in the following locations:

- TP206 in the central east of the site at 0.20m bgl (benzo(a)pyrene and dibenzo(a,h)anthracene).
- TP210 in the east of the site at 0.20m bgl (benzo(b)fluoranthene, benzo(a)pyrene and dibenzo(a,h)anthracene)

2.2.4 During the additional site work in March 2025, clinker, glass and pottery fragments were observed in the topsoil to depths up to 0.30m bgl.

2.2.5 The localised made ground and topsoil hot spots require remediation.

2.3 Remediation Objectives

2.3.1 The overall remediation objective is to ensure that the site is suitable for the proposed end-use and to protect the identified receptors (construction workers and future site residents).

2.3.2 The following remediation objectives specific to the contaminants apply to the site:

- To remove the risk to receptors from localised PAHs contaminated topsoil and made ground. .

2.4 Management Objectives Affecting Remediation Options

2.4.1 The following management objectives are considered to be appropriate for the site:

- To reduce the amount of hazardous waste being landfilled in line with current UK waste hierarchy (reduce - re-use – recycle – recover – disposal);
- To achieve a remediation strategy that can be agreed by all key stakeholders (client, regulators);
- To meet all regulatory requirements relevant to the installation or operation of remediation options;
- To avoid unacceptable health and safety, and adverse environmental impacts during remediation;

- To minimise long term liabilities;
- To avoid long term maintenance or monitoring obligations;
- To ensure the scheme takes into account any design requirements of the overall redevelopment.

2.5 Design Requirements Affecting Remediation Options

2.5.1 The areas of contamination determined on site are between 0.10m bgl and 0.30m bgl. .

2.5.2 Contaminated soils will be required to be excavated and exported, either to a soil treatment facility or suitable waste management facility, unless significant levels changes are being considered, in which case this recommendation should be reviewed considering the proposed final site levels. The extent and depth of the excavation of contaminated material is shown in drawing S12597-JNP-XX-ZZ-DR-Z-1001.

2.5.3 Suitable care should be taken to ensure that adjacent properties and fence lines are not undermined.

2.6 Material Volumes

2.6.1 JNP have calculated the approximate volumes of materials requiring excavation and possible resultant volumes requiring export from the site as given in Table 2.1 and as shown on JNP Group drawing S12597-JNP-XX-ZZ-DR-Z-1001. These volumes do not include allowance for infrastructure arisings such as service trench arisings and foundation / piling arisings nor do they take into account bulking factors.

Location	Area (m^2)	Depth (m)	Volume (m^3)
North-west (made ground)	25	0.40*	10
TP206 (topsoil)	25	0.30	7.5
TP210 (topsoil)	25	0.30	7.5
WS07 (topsoil)	25	0.30	7.5
WS08 (topsoil)	25	0.30	7.5

*may be deeper

2.6.2 The total volume requiring remediation will therefore be in the region of 40m^3.

2.7 Hazardous Waste Assessment

2.7.1 The concentrations of contaminants recorded during the ground investigation in the spring and summer of 2022 and the additional site work in March 2025 have been assessed using the HazWasteOnline classification tool This classification tool is based on the methodology outlined in the Hazardous Waste Technical Guidance publication WM3 (EA, SEPA, NIA, NRW. May 2015).

2.7.2 Soil samples are classified as 'Non-Hazardous Waste'.

2.7.3 The Hazardous Waste Assessment is included in **Appendix B.**

2.8 Best Practicable Technique

2.8.1 Given the volume of material requiring remediation and the size of the site, the following options are best practicable at the site:

- Excavation and transfer to a soil treatment centre;
- Excavation and transfer to a suitable waste facility.

3 REMEDIATION STRATEGY – IMPLEMENTATION PLAN

3.1 Introduction

3.1.1 The main works shall be undertaken by a suitably qualified earthworks Contractor and the works shall be supervised by JNP Group on an "as and when" required basis.

3.1.2 All works on site shall be undertaken following the guidance given in C762 Environmental Good Practice on-site (CIRIA C762) and Construction Site Safety GE700E/18 (CITB 2018).

3.1.3 A Construction Environmental Management Plan (CEMP) and method statements for all aspects of work shall be provided to JNP Group by the earthworks Contractor, and any specialised subcontractors. These will include any details of proposed toolbox talks. The CEMP and method statements shall require approval prior to commencement of the works on site. The CEMP should cover, as a minimum, the following items: nuisance dust; asbestos fibres release; odours; noise; surface water run-off control and traffic management.

3.2 Programme of Works

3.2.1 In order to ensure the works are undertaken in a suitable order, the following are proposed:

- Demolition and removal of the partially demolished structures to the south of the site, this would include the breaking out of any hardstanding.
- Removal of materials stored on site, vegetation clearance and surface strip.
- Excavation of localised hot spots and areas of made ground, ideally directly onto haulage lorries for disposal off-site if the soils are considered to be contaminated. If required, temporary stockpiling may be required, however the site's small size will preclude significant stockpiling.
- Topsoil strip - uncontaminated topsoil materials can be stockpiled separately on site for later re-use.
- Any deleterious material, or obvious contamination (clinker, glass and pottery),) shall be stockpiled in a separate designated location for appropriate removal from site.
- If cut and fill earthworks are required these would be undertaken following hotspot excavating and topsoil strip.
- Removal of surplus material by a designated waste receiver;
- Commencement of foundation work;
- Any drainage/service work;
- Construction phase.

3.2.2 Once the works commence, on-going activities will include excavation and off-site disposal.

3.2.3 Should unanticipated contaminated material be encountered that requires excavation then the earthworks contractor shall make the necessary arrangements with the waste receiver and programme in further excavation work.

3.3 Validation Work

3.3.1 Upon excavation of the hot spots, underlying ground shall be visually assessed by JNP Group. Soil samples shall be taken for chemical analysis in areas where contamination was noted or if significant or obvious contamination in present. Should the testing indicate that all contamination has not been removed, the excavation will need to be extended and re-testing until uncontaminated ground is confirmed.

3.3.2 Records shall be kept of any material removed off-site either for treatment and re-use or as a waste destined for landfill. The Waste License and Permit Register form, as given in **Appendix C**, detailing the waste codes, haulier and waste receiver details should be completed by the Contractor for each waste material generated requiring removal. In addition, all material removed off-site shall be logged on the Waste Disposal Log form given in **Appendix D**. The completed waste management form, duty of care and consignment notes shall be provided to JNP Group for inclusion in the verification report.

3.4 Earthworks

3.4.1 Should cut and fill be required as part of the works, then JNP Group recommends that the proposed development works are undertaken in accordance with the definition of Waste Code of Practice (DoWCoP); in following this guidance and to ensure materials are managed correctly, a Materials Management Plan may need to be prepared and declared in advance by a Qualified Person, then implemented and documented in a Verification Report. If this process is not undertaken, then following recent changes in Landfill Tax Regulations by HMRC. There is a risk of penalties equating to twice the Landfill Tax being applied to the re-use of material o site. If the proposed works are to be undertaken outside the DoWCoP, there would need to be some of Environmental Permitting or suitable equivalent. The requirements of such are likely to be more onerous and may take longer to be granted.

3.5 Imported Fill

3.5.1 Any imported fill such as subsoil or topsoil to be used at the site should be sourced from a suitable provider of such material, who should provide provisional chemical testing certificates of the material destined for the site. These certificates should be issued to JNP Group for approval prior to accepting the material. Once imported to site, the material will require further testing to verify it is the same material.

3.5.2 In addition, the imported fill should be free of any deleterious material such as glass fragments, wire, wood and a visual inspection should be undertaken once the material arrives on site.

3.5.3 Any topsoil and subsoil imported to site shall be classified and characterised in accordance with the requirements of BS3882:2015 [Specification for topsoil and requirements for use] and BS8601:2013 [Specification for subsoil and requirements for use] respectively as well as the chemical testing criteria given in Tables 4.1 and 4.2.

3.5.4 There reader is referred to Section 4 for chemical testing requirements.

3.6 Dealing with Unexpected Contamination

3.6.1 Whilst investigation works has been undertaken at the site, it remains possible that unexpected soil, or visible asbestos containing materials may be encountered during the process of any site demolition, clearance, excavation and / or construction.

3.6.2 There is the potential for areas of previously unidentified and unexpected contamination to be present at the site such as ashy soils, significantly oily or odorous material, asbestos impacted soils and underground tanks.

3.6.3 If during the works such material is encountered, then the earthworks Contractor shall inform JNP Group immediately who shall then advise on the best course of action. Photographic and written records should be kept by the earthworks Contractor detailing any such material.

3.6.4 A copy of this strategy for dealing with unexpected contamination should be made available on site and ground workers should be made aware of it.

3.7 Environmental Incidents

3.7.1 In the event of an unforeseen environmental incident (pollution occurrence) on-site work should be stopping in that area immediately affected and the Environmental Agency should be contacted via their incident hotline 0800 807 060.

3.7.2 Emergency spill kits shall be kept on-site in strategic locations and a member of staff who is trained to use them shall be present on-site at all times.

4 REMEDIATION STRATEGY – VALIDATION PLAN

4.1 Validation Chemical Testing – Excavation level

4.1.1 Following the excavation of contaminated areas, the resulting excavation bases and faces shall be sampled at random locations by JNP Group to suit the size of the excavation, and the samples sent for chemical analysis for metals, speciated PAH and SOM only. Providing the chemical results are acceptable to the screening values given in Table4.1, the area can then be backfilled with imported sub-soil and topsoil (or fill beneath hardstanding), or site generated subsoil / topsoil.

4.1.2 Following the excavation of any unexpected contamination, soil samples shall be taken by JNP Group and tested for an appropriate testing suite. The results shall be compared to the criteria given in Tables 4,1 and 4,2, and provided they are acceptable the area can be backfilled.

4.1.3 Should the chemical results fail then further material shall be excavated (it is suggested by extending the depth of the excavation by 200 mm) and the new excavation level sampled and tested as above.

4.1.4 All chemical testing shall be undertaken by a UKAS and MCERTS accredited testing laboratory using standard turnaround times.

4.2 Validation Chemical Testing – Imported Fill

4.2.1 Chemical testing certificates should be available for any imported fill including subsoil or topsoil, however, in line with the requirements of the NHBC and Yorkshire and Lincolnshire Pollution Advisory Group (YALPAG) guidance as the number of plots scheduled for development in this area is up to c.22, each imported material used will need to be sampled in accordance YALPAG (**Appendix E**).

4.2.2 Provisional chemical testing certificates should be available for any imported fill including subsoil or topsoil. The further testing once the material is on-site will verify the materials are the same as those tested in the supply site / depot.

4.2.3 All chemical testing shall be undertaken by a UKAS and MCERTS accredited testing laboratory.

4.2.4 Any chemical testing results shall be compared to the screening values given in Table 4.1. As the final end use of the site is residential properties with private gardens, current UK residential with plant uptake guideline values have been selected for use.

4.2.5 In addition, as copper, nickel and zinc are considered phytotoxic in nature the criteria given in Table 4.2 should be used (these values are less than the published UK screening values and hence are considered protective of human health).

Table 4-1: Validation & Imported Fill Screening Values

Determinant	Screening Criteria (mg/kg)	Source		Determinant	Screening Criteria (mg/kg)	Source
TPH Aliphatic $C_5 – C_6$	42	LQM S4UL		Acenaphthylene	5.0	Professional judgement[6]
TPH Aliphatic $C_6 – C_8$	100	LQM S4UL		Acenaphthene	5.0	Professional judgement[6]
TPH Aliphatic $C_8 – C_{10}$	27	LQM S4UL		Anthracene	5.0	Professional judgement[6]
TPH Aliphatic $C_{10} – C_{12}$	130	LQM S4UL		Benzo(a)anthracene	5.0	Professional judgement[6]
TPH Aliphatic $C_{12} – C_{16}$	250	Professional judgement[1]		Benzo(a)pyrene	5.0	Defra C4SL[4]
TPH Aliphatic $C_{16} – C_{21}$	250	Professional judgement[1]		Benzo(b)fluoranthene	2.6	LQM S4UL
TPH Aliphatic $C_{21} – C_{35}$	250	Professional judgement[1]		Benzo(k)fluoranthene	5.0	Professional judgement[6]
TPH Aromatic $C_5 – C_7$	0.87	Professional judgement[6]		Benzo(g,h,i)perylene	5.0	Professional judgement[6]
TPH Aromatic $C_7 – C_8$	130	LQM S4UL		Chrysene	5.0	Professional judgement[6]
TPH Aromatic $C_8 – C_{10}$	34	LQM S4UL		Dibenzo(a,h)anthracene	0.24	LQM S4UL
TPH Aromatic $C_{10} – C_{12}$	74	LQM S4UL		Fluoranthene	5.0	Professional judgement[6]
TPH Aromatic $C_{12} – C_{16}$	140	Professional judgement[1]		Fluorene	5.0	Professional judgement[6]
TPH Aromatic $C_{16} – C_{21}$	260	Professional judgement[1]		Indeno(1,2,3,c-d)pyrene	5.0	Professional judgement[6]
TPH Aromatic $C_{21} – C_{35}$		Professional judgement[1]		Naphthalene	2.3	LQM S4UL
				Pyrene	5.0	Professional judgement[6]
Arsenic	37	Defra C4SL[4]		Phenanthrene	5.0	Professional judgement[6]
Cadmium	26	Defra C4SL[4]				
Chromium	910[2]	LQM S4UL		Nickel	pH dependent	Refer to Table 5.2
Mercury	40[3]	LQM S4UL		Selenium	250	LQM S4UL
Lead	200	Defra C4SL[4]		Benzene	0.87	Defra C4SL[4]
Copper	pH dependent	Refer to Table 5.2		Toluene	130	LQM S4UL
Zinc	pH dependent	Refer to Table 5.2		Ethylbenzene	47	LQM S4UL
Asbestos	None present	CIRIA C733		Xylene	56[5]	LQM S4UL

LQM S4UL selected for organics based on 1% soil organic matter (SOM) for conservatism

1 Professional judgement – conservative value selected, less than LQM S4UL

2 Based on LQM S4UL for chromium III, assumes no chromium VI is likely to be present

3 Based on LQM S4UL for inorganic mercury, assumes that no elemental or methyl mercury is likely to be present
4 defra category 4 screening value
5 Based on LQM S4UL for p-xylene for conservatism
6 Professional judgment – cannot be classified as contaminated land under Part IIA

Table 4.2: Imported Fill Screening Values- phytotoxic metals

Determinant	Screening Criteria (mg/kg)			Source
	pH <6	pH 6-7	pH >7	
Copper (nitric acid extractable)	<100	<135	<200	BS 3882:2015 and BS 8601:2013
Nickel (nitric acid extractable)	<60	<75	<110	BS 3882:2015 and BS 8601:2013
Zinc (nitric acid extractable)	<200	<200	<300	BS 3882:2015 and BS 8601:2013

4.3 Verification Reporting

4.3.1 Following the completion of the remediation works, all records of works undertaken (including drawings and photographs), duty of care certificates and imported soil chemical testing certificates shall be provided to JNP Group.

4.3.2 Following the completion of the remediation works, a verification report shall be produced by JNP Group that details the remediation work undertaken, the validation testing undertaken, and the details of any material removed from or brought to the site.

4.3.3 It is recommended that a copy of this report is submitted to the regulatory authorities for their approval.

4.4 Recommendations

4.4.1 It is recommended that a copy of this options appraisal and remediation strategy be submitted to the Regulatory Authorities for their approval.

5 REFERENCES

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Figures / Drawings

Figure 1

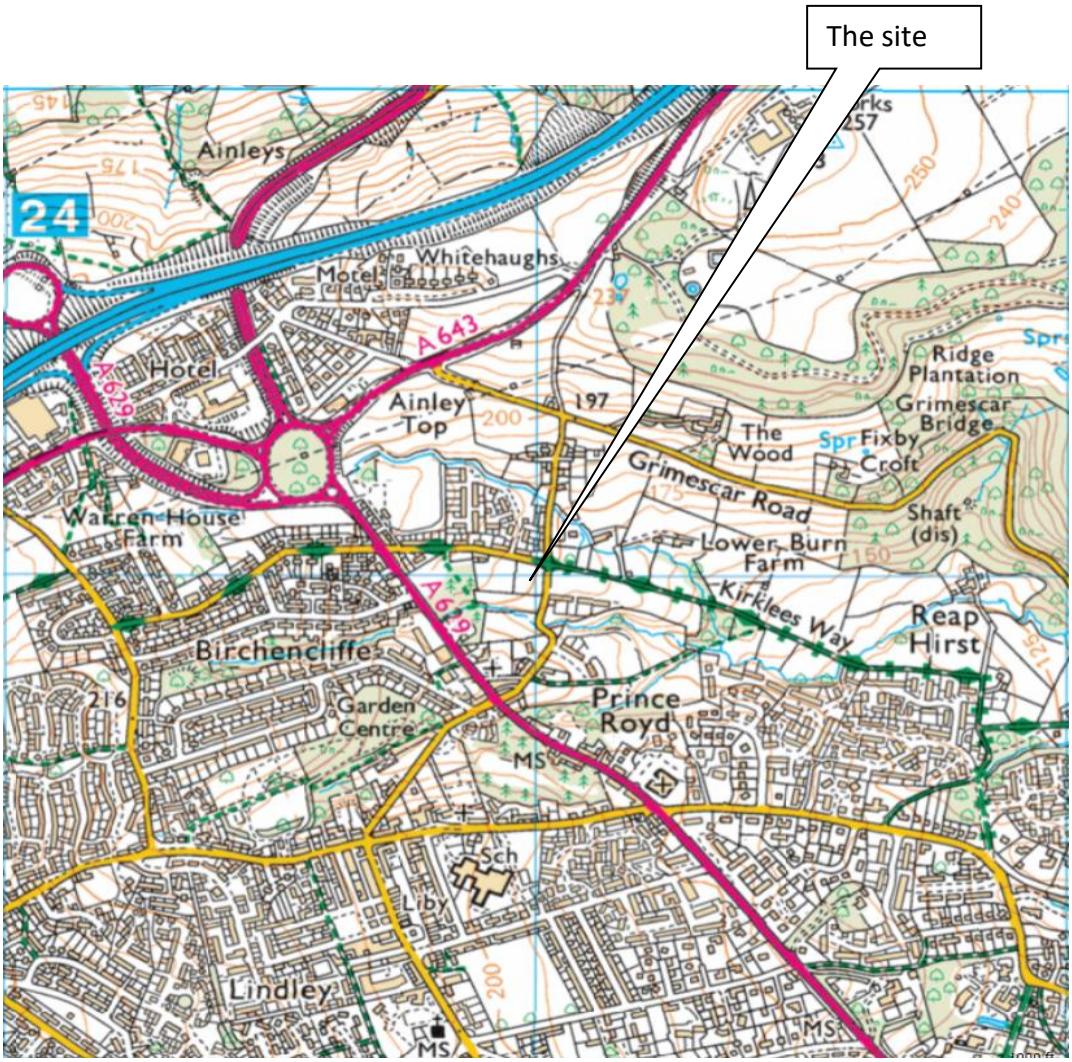
Site Location Plan

Project:

Yew Tree Road, Birchencliffe, Huddersfield

Project No:

S12597



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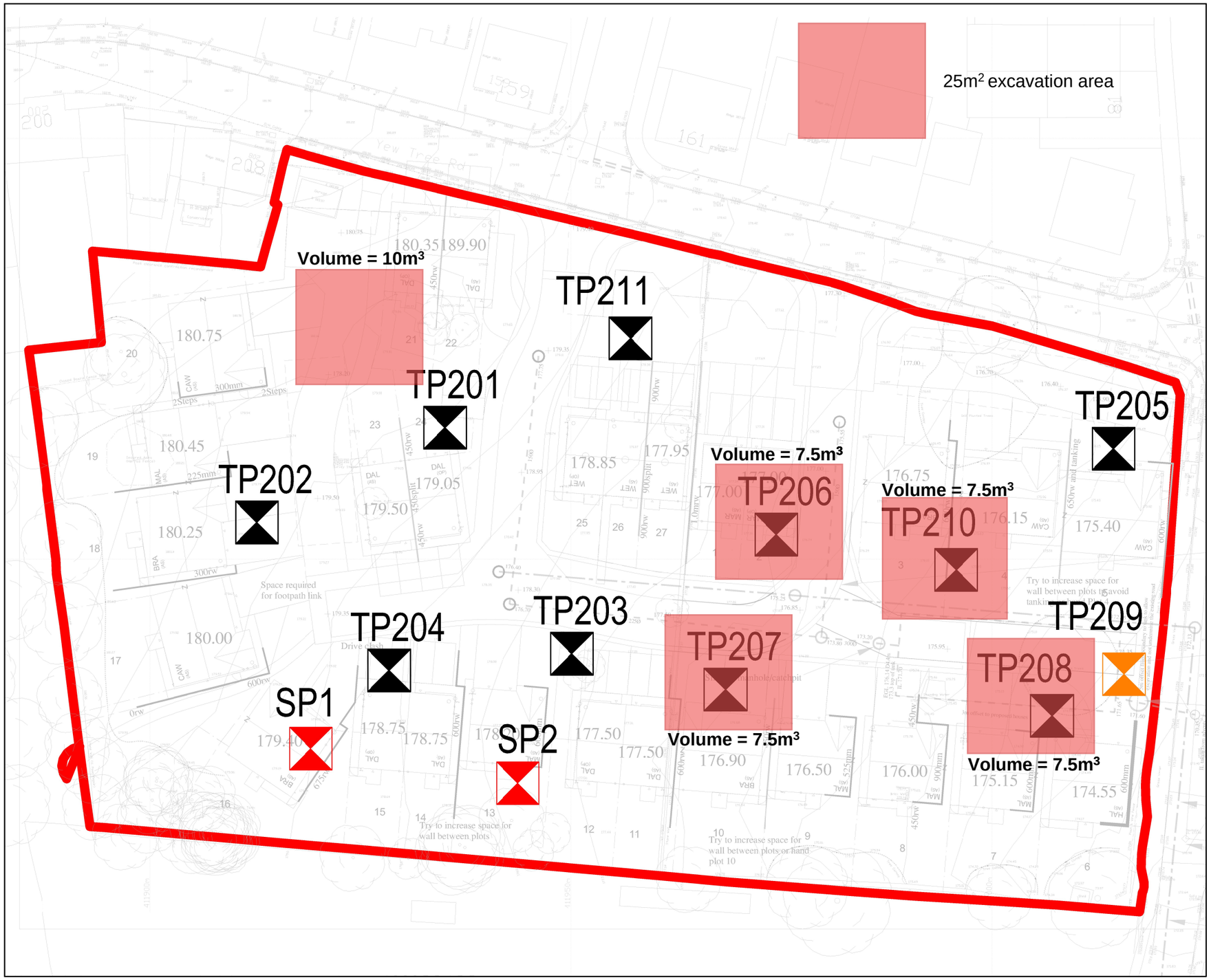

Trial Pit Location

Trial Pit in Spoil Heaps

Trial Pit for Mine Shaft

HAZARD IDENTIFICATION BOX			
This table is provided to assist the Principal Contractor to fulfil their obligations under the CDM Regulations 2015			
Hazard Ref	Hazard Type (Construction/Maintenance/ Cleaning/Demolition/Adaptation)	Hazard Description	Mitigation Measures/ Residual Risk
1			

Health & Safety Note

The details on this drawing have been prepared on the assumption that a competent contractor will be carrying out the works. If the contractor(s) considers that there is insufficient Health and Safety information on this drawing, this should immediately be brought to the attention of the designer.

Rev.	Date	Description	Dm / Chk'd / App'd
P01	09/04/2025	Excavation Areas and Volumes	BR/HI/PT

Suitability:

S2 - Suitable for Information

JNP GROUP
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Amersham • Belfast • Brighouse • Bristol
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www.jnpgroup.co.uk

Client:

Newett Homes

Job:

Yew Tree Road, Birchencliffe, Huddersfield

Title:

Excavation Areas and Volumes

Classification: FI_60_20

Scale @ A3: As Shown

Accredited Contractor

Supplier No. 300026

Project - Originator - Volume/System - Level/Location - Type - Discipline - Number

S12597 - JNP - XX - ZZ - DR - Z - 1002

Document/Drawing Number

Revision: P01

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JNP Group Internal Project Number: X00000

Appendix A Limitations

INTRODUCTION

This report is confidential and has been prepared solely for the benefit of the client and those parties with whom a warranty agreement has been executed, or with whom an assignment has been agreed. Should any third party wish to use or rely upon the contents of the report, written approval must be sought from JNP Group; a charge may be levied against such approval. JNP Group accepts no responsibility or liability for the consequences of this document being used for any purpose or project other than for which it was commissioned, and: this document to any third party with whom and agreement has not been executed.

Any comments given within this report are based on the understanding that the proposed works to be undertaken will be as described in the introduction and the information referred to and provided by others and will be assumed to be correct and will not have been checked by JNP Group and JNP Group will not accept any liability or responsibility for any inaccuracy in such information.

Any deviation from the recommendations or conclusions contained in this report should be referred to JNP Group in writing for comment and JNP Group reserve the right to reconsider their recommendations and conclusions contained within. JNP Group will not accept any liability or responsibility for any changes or deviations from the recommendations noted in this report without prior consultation and our full approval.

The details contained within this report reflect the site conditions prevailing at the time of investigation. JNP Group warrants the accuracy of this report up to and including that date. Additional information, improved practice or changes in legislation may necessitate this report having to be reviewed in whole or in part after that date. If necessary, this report should be referred back to JNP Group for re-assessment and, if necessary, re-appraisal.

This report is only valid when used in its entirety. Any information or advice included in the report should not be relied upon until considered in the context of the whole report. Whilst this report and the opinion made herein are correct to the best of JNP Groups' belief, JNP Group cannot guarantee the accuracy or completeness of any information provided by third parties.

The report represents the finding and opinions of experience geotechnical and geoenvironmental engineers. JNP Group does not provide legal advice and the advice of lawyers may also be required.

It should be noted that the following were not included as part of the agreed scope of works with the client: detailed ecological surveys and assessment; groundwater monitoring and sampling; geotechnical requirements etc.

JNP Group has provided advice and made recommendations based on the findings of the work undertaken, however this is subject to the approval / acceptance by the relevant regulatory authorities.

The risk assessment and opinions provided, inter alia, take into consideration currently available guidance relating to acceptable contamination concentrations; no liability can be accepted for the retrospective effects of any future changes or amendments to these values.

Where intrusive investigations have been undertaken they have been designed to provide a reasonable level of assurance on the conditions. Given the discrete nature sampling, no investigation technique is capable of identifying all conditions present in all areas. The number of

sampling points and the methods of sampling and testing do not preclude the existence of localised "hotspots" of contamination where concentrations may be significantly higher than those actually encountered.

If costs have been included in relation to the site remediation these must be confirmed by a qualified quantity surveyor. The opinions given in this report have been dictated by the finite data on which they are based and are relevant only to the purpose for which the report was commissioned. The information reviewed from Third Party should not be considered exhaustive and has been accepted in good faith as providing true and representative data pertaining to site conditions. Should additional information become available which may affect the opinions expressed in this report, JNP Group reserves the right to review such information and, if warranted, to modify the opinions accordingly.

Whilst this report and the opinion made herein are correct to the best of JNP Groups' belief, JNP Group cannot guarantee the accuracy or completeness of any information provided by third parties.

Gas and groundwater levels may vary from those reported due to seasonal, or other effects.

Appendix B Hazardous Waste Assessment

Waste Classification Report

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

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

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

19T9S-C5L5Q-RDM90

Report is invalid if pages are removed.

Job name

S12597 Yew Tree Road

Description/Comments

Project

S12597

Site

Yew Tree Road

Classified by

Name:
Hilary Ilsley
Date:
09 Apr 2025 11:09 GMT
Telephone:
01926 889955

Company:
JNP Group
Mitaka House
4-12 Morton Street
Leamington Spa
CV32 5SY

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:	-
Course	**Date**
Hazardous Waste Classification	-

Purpose of classification

7 - Disposal of Waste

Address of the waste

Yew Tree Road, Birchencliffe, Huddersfield **Post Code** SHD3 3QN

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Residential Development

Description of the specific process, sub-process and/or activity that created the waste

Removal of topsoil and made ground

Description of the waste

Topsoil and made ground

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP206 TPS	0.20	Non Hazardous		3
2	TP206 NG	0.40	Non Hazardous		5
3	TP205 MG	0.30	Non Hazardous		7
4	TP205 NG	0.90	Non Hazardous		9
5	TP208 MG	0.10	Non Hazardous		11
6	TP208 NG	0.40	Non Hazardous		13
7	TP207 MG	0.20	Non Hazardous		14
8	TP207 NG	0.50	Non Hazardous		16
9	TP203 NG	0.40	Non Hazardous		18
10	TP204 TPS	0.20	Non Hazardous		20
11	TP204 NG	0.60	Non Hazardous		22
12	TP202 NG	0.30	Non Hazardous		24
13	TP201 TPS	0.10	Non Hazardous		26
14	TP201 NG	0.5	Non Hazardous		28
15	TP210 TPS	0.20	Non Hazardous		30
16	TP210 NG	0.50	Non Hazardous		32
17	TP211 TPS	0.20	Non Hazardous		34
18	TP211 NG	0.60	Non Hazardous		36
19	STOCKPILE ES1		Non Hazardous		38
20	STOCKPILE ES2		Non Hazardous		40
21	WS01	0.20-0.40	Non Hazardous		42
22	WS03	0.20-0.40	Non Hazardous		44
23	WS07	0.10-0.20	Non Hazardous		46
24	WS06	0.50-0.60	Non Hazardous		48
25	WS08	0.20	Non Hazardous		50

Related documents

#	Name	Description
1	JNP Updated 2023 Standard	waste stream template used to create this Job

Report

Created by: Hilary Ilsley

Created date: 09 Apr 2025 11:09 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	52
Appendix B: Rationale for selection of metal species	53
Appendix C: Version	53

Classification of sample: TP206 TPS

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

Sample details

Sample name:
TP206 TPS
Sample Depth:
0.20 m
Moisture content:
27%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 27% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		naphthalene	601-052-00-2	202-049-5	91-20-3		0.47	mg/kg		0.47	mg/kg	0.000047 %		
2	•	acenaphthylene		205-917-1	208-96-8		0.08	mg/kg		0.08	mg/kg	0.000008 %		
3	•	acenaphthene		201-469-6	83-32-9		0.55	mg/kg		0.55	mg/kg	0.000055 %		
4	•	fluorene		201-695-5	86-73-7		0.79	mg/kg		0.79	mg/kg	0.000079 %		
5	•	phenanthrene		201-581-5	85-01-8		5.1	mg/kg		5.1	mg/kg	0.00051 %		
6	•	anthracene		204-371-1	120-12-7		5.6	mg/kg		5.6	mg/kg	0.00056 %		
7	•	fluoranthene		205-912-4	206-44-0		9.2	mg/kg		9.2	mg/kg	0.00092 %		
8	•	pyrene		204-927-3	129-00-0		8.3	mg/kg		8.3	mg/kg	0.00083 %		
9		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		4.4	mg/kg		4.4	mg/kg	0.00044 %		
10		chrysene	601-048-00-0	205-923-4	218-01-9		4.4	mg/kg		4.4	mg/kg	0.00044 %		
11		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		6.6	mg/kg		6.6	mg/kg	0.00066 %		
12		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		2.3	mg/kg		2.3	mg/kg	0.00023 %		
13		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		6	mg/kg		6	mg/kg	0.0006 %		
14		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.67	mg/kg		0.67	mg/kg	0.000067 %		
15	•	benzo[ghi]perylene		205-883-8	191-24-2		2.9	mg/kg		2.9	mg/kg	0.00029 %		
16	•	indeno[123-cd]pyrene		205-893-2	193-39-5		3.1	mg/kg		3.1	mg/kg	0.00031 %		
17	•	confirm TPH has NOT arisen from diesel or petrol					☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00605 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP206 NG

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

Sample details

Sample name:
TP206 NG
Sample Depth:
0.40 m
Moisture content:
15%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		naphthalene	601-052-00-2	202-049-5	91-20-3		0.19	mg/kg		0.19	mg/kg	0.000019 %		
2	•	acenaphthylene		205-917-1	208-96-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
3	•	acenaphthene		201-469-6	83-32-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
4	•	fluorene		201-695-5	86-73-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
5	•	phenanthrene		201-581-5	85-01-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
6	•	anthracene		204-371-1	120-12-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
7	•	fluoranthene		205-912-4	206-44-0		0.05	mg/kg		0.05	mg/kg	0.000005 %		
8	•	pyrene		204-927-3	129-00-0		0.05	mg/kg		0.05	mg/kg	0.000005 %		
9		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
10		chrysene	601-048-00-0	205-923-4	218-01-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
11		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
12		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
13		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
14		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
15	•	benzo[ghi]perylene		205-883-8	191-24-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
16	•	indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.05	mg/kg	0.000005 %		
17	•	confirm TPH has NOT arisen from diesel or petrol					☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00009 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP205 MG

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

Sample details

Sample name:
TP205 MG
Sample Depth:
0.30 m
Moisture content:
19%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		naphthalene	601-052-00-2	202-049-5	91-20-3		2.4	mg/kg		2.4	mg/kg	0.00024 %		
2	•	acenaphthylene		205-917-1	208-96-8		0.89	mg/kg		0.89	mg/kg	0.000089 %		
3	•	acenaphthene		201-469-6	83-32-9		2.5	mg/kg		2.5	mg/kg	0.00025 %		
4	•	fluorene		201-695-5	86-73-7		2.3	mg/kg		2.3	mg/kg	0.00023 %		
5	•	phenanthrene		201-581-5	85-01-8		26	mg/kg		26	mg/kg	0.0026 %		
6	•	anthracene		204-371-1	120-12-7		4.2	mg/kg		4.2	mg/kg	0.00042 %		
7	•	fluoranthene		205-912-4	206-44-0		36	mg/kg		36	mg/kg	0.0036 %		
8	•	pyrene		204-927-3	129-00-0		32	mg/kg		32	mg/kg	0.0032 %		
9		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		13	mg/kg		13	mg/kg	0.0013 %		
10		chrysene	601-048-00-0	205-923-4	218-01-9		14	mg/kg		14	mg/kg	0.0014 %		
11		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		15	mg/kg		15	mg/kg	0.0015 %		
12		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		6.6	mg/kg		6.6	mg/kg	0.00066 %		
13		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		13	mg/kg		13	mg/kg	0.0013 %		
14		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		1.2	mg/kg		1.2	mg/kg	0.00012 %		
15	•	benzo[ghi]perylene		205-883-8	191-24-2		6.3	mg/kg		6.3	mg/kg	0.00063 %		
16	•	indeno[123-cd]pyrene		205-893-2	193-39-5		5.9	mg/kg		5.9	mg/kg	0.00059 %		
17	•	confirm TPH has NOT arisen from diesel or petrol					☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0181 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP205 NG

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

Sample details

Sample name:
TP205 NG
Sample Depth:
0.90 m
Moisture content:
20%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		naphthalene	601-052-00-2	202-049-5	91-20-3		0.23	mg/kg		0.23	mg/kg	0.000023 %		
2	•	acenaphthylene		205-917-1	208-96-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
3	•	acenaphthene		201-469-6	83-32-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
4	•	fluorene		201-695-5	86-73-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
5	•	phenanthrene		201-581-5	85-01-8		0.11	mg/kg		0.11	mg/kg	0.000011 %		
6	•	anthracene		204-371-1	120-12-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
7	•	fluoranthene		205-912-4	206-44-0		0.11	mg/kg		0.11	mg/kg	0.000011 %		
8	•	pyrene		204-927-3	129-00-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
9		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
10		chrysene	601-048-00-0	205-923-4	218-01-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
11		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
12		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
13		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
14		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
15	•	benzo[ghi]perylene		205-883-8	191-24-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
16	•	indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.05	mg/kg	0.000005 %		
17	•	confirm TPH has NOT arisen from diesel or petrol					☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00011 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP208 MG

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

Sample details

Sample name:
TP208 MG
Sample Depth:
0.10 m
Moisture content:
28%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 28% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.48	mg/kg		0.48	mg/kg	0.000048 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
			201-469-6	83-32-9									
4	•	fluorene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
			201-695-5	86-73-7									
5	•	phenanthrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			201-581-5	85-01-8									
6	•	anthracene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
			204-371-1	120-12-7									
7	•	fluoranthene				6.3	mg/kg		6.3	mg/kg	0.00063 %		
			205-912-4	206-44-0									
8	•	pyrene				5.4	mg/kg		5.4	mg/kg	0.00054 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00328 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP208 NG

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

Sample details

Sample name:
TP208 NG
Sample Depth:
0.40 m
Moisture content:
20%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		naphthalene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		601-052-00-2	202-049-5	91-20-3							
2	•	acenaphthylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-917-1	208-96-8							
3	•	acenaphthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-469-6	83-32-9							
4	•	fluorene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-695-5	86-73-7							
5	•	phenanthrene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-581-5	85-01-8							
6	•	confirm TPH has NOT arisen from diesel or petrol				☑					
								Total:	0.00004 %		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP207 MG

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

Sample details

Sample name:
TP207 MG
Sample Depth:
0.20 m
Moisture content:
30%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 30% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.44	mg/kg		0.44	mg/kg	0.000044 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			201-469-6	83-32-9									
4	•	fluorene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
			201-695-5	86-73-7									
5	•	phenanthrene				4.9	mg/kg		4.9	mg/kg	0.00049 %		
			201-581-5	85-01-8									
6	•	anthracene				0.79	mg/kg		0.79	mg/kg	0.000079 %		
			204-371-1	120-12-7									
7	•	fluoranthene				9	mg/kg		9	mg/kg	0.0009 %		
			205-912-4	206-44-0									
8	•	pyrene				7.7	mg/kg		7.7	mg/kg	0.00077 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				3.4	mg/kg		3.4	mg/kg	0.00034 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.48	mg/kg		0.48	mg/kg	0.000048 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				2	mg/kg		2	mg/kg	0.0002 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00454 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP207 NG

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

Sample details

Sample name:
TP207 NG
Sample Depth:
0.50 m
Moisture content:
20%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-469-6	83-32-9									
4	•	fluorene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-695-5	86-73-7									
5	•	phenanthrene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			201-581-5	85-01-8									
6	•	anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-371-1	120-12-7									
7	•	fluoranthene				0.67	mg/kg		0.67	mg/kg	0.000067 %		
			205-912-4	206-44-0									
8	•	pyrene				0.58	mg/kg		0.58	mg/kg	0.000058 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00032 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP203 NG

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

Sample details

Sample name:
TP203 NG
Sample Depth:
0.40 m
Moisture content:
20%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-469-6	83-32-9									
4	•	fluorene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-695-5	86-73-7									
5	•	phenanthrene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-581-5	85-01-8									
6	•	anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-371-1	120-12-7									
7	•	fluoranthene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-912-4	206-44-0									
8	•	pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00009 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP204 TPS

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

Sample details

Sample name:
TP204 TPS
Sample Depth:
0.20 m
Moisture content:
32%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 32% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			201-469-6	83-32-9									
4	•	fluorene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			201-695-5	86-73-7									
5	•	phenanthrene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
			201-581-5	85-01-8									
6	•	anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			204-371-1	120-12-7									
7	•	fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-912-4	206-44-0									
8	•	pyrene				1	mg/kg		1	mg/kg	0.0001 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00062 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP204 NG

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

Sample details

Sample name:
TP204 NG
Sample Depth:
0.60 m
Moisture content:
23%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 23% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		naphthalene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
		601-052-00-2	202-049-5	91-20-3							
2	•	acenaphthylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-917-1	208-96-8							
3	•	acenaphthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-469-6	83-32-9							
4	•	fluorene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-695-5	86-73-7							
5	•	phenanthrene				0.08 mg/kg		0.08 mg/kg	0.000008 %		
			201-581-5	85-01-8							
6	•	anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			204-371-1	120-12-7							
7	•	fluoranthene				0.09 mg/kg		0.09 mg/kg	0.000009 %		
			205-912-4	206-44-0							
8	•	pyrene				0.07 mg/kg		0.07 mg/kg	0.000007 %		
			204-927-3	129-00-0							
9		benz[a]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3							
10		chrysene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9							
11		benzo[b]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-034-00-4	205-911-9	205-99-2							
12		benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9							
13		benzo[a]pyrene; benzo[def]chrysene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8							
14		dibenz[a,h]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3							
15	•	benzo[ghi]perylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-883-8	191-24-2							
16	•	indeno[123-cd]pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-893-2	193-39-5							
17	•	confirm TPH has NOT arisen from diesel or petrol				☑					

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.0001 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP202 NG

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

Sample details

Sample name:
TP202 NG
Sample Depth:
0.30 m
Moisture content:
23%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 23% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-469-6	83-32-9									
4	•	fluorene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-695-5	86-73-7									
5	•	phenanthrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-581-5	85-01-8									
6	•	anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-371-1	120-12-7									
7	•	fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
8	•	pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00008 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP201 TPS

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

Sample details

Sample name:
TP201 TPS
Sample Depth:
0.10 m
Moisture content:
28%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 28% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		naphthalene				0.37 mg/kg		0.37 mg/kg	0.000037 %		
		601-052-00-2	202-049-5	91-20-3							
2	•	acenaphthylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-917-1	208-96-8							
3	•	acenaphthene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
			201-469-6	83-32-9							
4	•	fluorene				0.14 mg/kg		0.14 mg/kg	0.000014 %		
			201-695-5	86-73-7							
5	•	phenanthrene				0.58 mg/kg		0.58 mg/kg	0.000058 %		
			201-581-5	85-01-8							
6	•	anthracene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
			204-371-1	120-12-7							
7	•	fluoranthene				0.99 mg/kg		0.99 mg/kg	0.000099 %		
			205-912-4	206-44-0							
8	•	pyrene				0.85 mg/kg		0.85 mg/kg	0.000085 %		
			204-927-3	129-00-0							
9		benz[a]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3							
10		chrysene				0.47 mg/kg		0.47 mg/kg	0.000047 %		
		601-048-00-0	205-923-4	218-01-9							
11		benzo[b]fluoranthene				0.59 mg/kg		0.59 mg/kg	0.000059 %		
		601-034-00-4	205-911-9	205-99-2							
12		benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9							
13		benzo[a]pyrene; benzo[def]chrysene				0.46 mg/kg		0.46 mg/kg	0.000046 %		
		601-032-00-3	200-028-5	50-32-8							
14		dibenz[a,h]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3							
15	•	benzo[ghi]perylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-883-8	191-24-2							
16	•	indeno[123-cd]pyrene				0.22 mg/kg		0.22 mg/kg	0.000022 %		
			205-893-2	193-39-5							
17	•	confirm TPH has NOT arisen from diesel or petrol				☑					

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00052 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP201 NG

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

Sample details

Sample name:
TP201 NG
Sample Depth:
0.5 m
Moisture content:
18%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-469-6	83-32-9									
4	•	fluorene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-695-5	86-73-7									
5	•	phenanthrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			201-581-5	85-01-8									
6	•	anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-371-1	120-12-7									
7	•	fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
8	•	pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00009 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP210 TPS

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

Sample details

Sample name:
TP210 TPS
Sample Depth:
0.20 m
Moisture content:
25%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 25% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.87	mg/kg		0.87	mg/kg	0.000087 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.82	mg/kg		0.82	mg/kg	0.000082 %		
			201-469-6	83-32-9									
4	•	fluorene				1	mg/kg		1	mg/kg	0.0001 %		
			201-695-5	86-73-7									
5	•	phenanthrene				10	mg/kg		10	mg/kg	0.001 %		
			201-581-5	85-01-8									
6	•	anthracene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
			204-371-1	120-12-7									
7	•	fluoranthene				19	mg/kg		19	mg/kg	0.0019 %		
			205-912-4	206-44-0									
8	•	pyrene				16	mg/kg		16	mg/kg	0.0016 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				7.6	mg/kg		7.6	mg/kg	0.00076 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				7.4	mg/kg		7.4	mg/kg	0.00074 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				9	mg/kg		9	mg/kg	0.0009 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				3	mg/kg		3	mg/kg	0.0003 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				7.8	mg/kg		7.8	mg/kg	0.00078 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				1	mg/kg		1	mg/kg	0.0001 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				4.5	mg/kg		4.5	mg/kg	0.00045 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				4.2	mg/kg		4.2	mg/kg	0.00042 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00953 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP210 NG

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

Sample details

Sample name:
TP210 NG
Sample Depth:
0.50 m
Moisture content:
20%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		naphthalene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
		601-052-00-2	202-049-5	91-20-3							
2	•	acenaphthylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-917-1	208-96-8							
3	•	acenaphthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-469-6	83-32-9							
4	•	fluorene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-695-5	86-73-7							
5	•	phenanthrene				0.13 mg/kg		0.13 mg/kg	0.000013 %		
			201-581-5	85-01-8							
6	•	anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			204-371-1	120-12-7							
7	•	fluoranthene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
			205-912-4	206-44-0							
8	•	pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			204-927-3	129-00-0							
9		benz[a]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3							
10		chrysene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9							
11		benzo[b]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-034-00-4	205-911-9	205-99-2							
12		benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9							
13		benzo[a]pyrene; benzo[def]chrysene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8							
14		dibenz[a,h]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3							
15	•	benzo[ghi]perylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-883-8	191-24-2							
16	•	indeno[123-cd]pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-893-2	193-39-5							
17	•	confirm TPH has NOT arisen from diesel or petrol				☑					

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00011 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP211 TPS

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

Sample details

Sample name:
TP211 TPS
Sample Depth:
0.20 m
Moisture content:
35%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 35% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		naphthalene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
		601-052-00-2	202-049-5	91-20-3							
2	•	acenaphthylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-917-1	208-96-8							
3	•	acenaphthene				0.06 mg/kg		0.06 mg/kg	0.000006 %		
			201-469-6	83-32-9							
4	•	fluorene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-695-5	86-73-7							
5	•	phenanthrene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
			201-581-5	85-01-8							
6	•	anthracene				0.08 mg/kg		0.08 mg/kg	0.000008 %		
			204-371-1	120-12-7							
7	•	fluoranthene				0.81 mg/kg		0.81 mg/kg	0.000081 %		
			205-912-4	206-44-0							
8	•	pyrene				0.73 mg/kg		0.73 mg/kg	0.000073 %		
			204-927-3	129-00-0							
9		benz[a]anthracene				0.35 mg/kg		0.35 mg/kg	0.000035 %		
		601-033-00-9	200-280-6	56-55-3							
10		chrysene				0.5 mg/kg		0.5 mg/kg	0.00005 %		
		601-048-00-0	205-923-4	218-01-9							
11		benzo[b]fluoranthene				0.56 mg/kg		0.56 mg/kg	0.000056 %		
		601-034-00-4	205-911-9	205-99-2							
12		benzo[k]fluoranthene				0.25 mg/kg		0.25 mg/kg	0.000025 %		
		601-036-00-5	205-916-6	207-08-9							
13		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							
14		dibenz[a,h]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3							
15	•	benzo[ghi]perylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-883-8	191-24-2							
16	•	indeno[123-cd]pyrene				0.26 mg/kg		0.26 mg/kg	0.000026 %		
			205-893-2	193-39-5							
17	•	confirm TPH has NOT arisen from diesel or petrol				☑					

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00048 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TP211 NG

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

Sample details

Sample name:
TP211 NG
Sample Depth:
0.60 m
Moisture content:
26%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 26% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		naphthalene				0.11 mg/kg		0.11 mg/kg	0.000011 %		
		601-052-00-2	202-049-5	91-20-3							
2	•	acenaphthylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-917-1	208-96-8							
3	•	acenaphthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-469-6	83-32-9							
4	•	fluorene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-695-5	86-73-7							
5	•	phenanthrene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			201-581-5	85-01-8							
6	•	anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			204-371-1	120-12-7							
7	•	fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-912-4	206-44-0							
8	•	pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			204-927-3	129-00-0							
9		benz[a]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-033-00-9	200-280-6	56-55-3							
10		chrysene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9							
11		benzo[b]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-034-00-4	205-911-9	205-99-2							
12		benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-036-00-5	205-916-6	207-08-9							
13		benzo[a]pyrene; benzo[def]chrysene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-032-00-3	200-028-5	50-32-8							
14		dibenz[a,h]anthracene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3							
15	•	benzo[ghi]perylene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-883-8	191-24-2							
16	•	indeno[123-cd]pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
			205-893-2	193-39-5							
17	•	confirm TPH has NOT arisen from diesel or petrol				☑					

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
								Total:	0.00008 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: STOCKPILE ES1

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

Sample details

Sample name:
STOCKPILE ES1
Moisture content:
37%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 37% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
			201-469-6	83-32-9									
4	•	fluorene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
			201-695-5	86-73-7									
5	•	phenanthrene				4	mg/kg		4	mg/kg	0.0004 %		
			201-581-5	85-01-8									
6	•	anthracene				0.73	mg/kg		0.73	mg/kg	0.000073 %		
			204-371-1	120-12-7									
7	•	fluoranthene				5.8	mg/kg		5.8	mg/kg	0.00058 %		
			205-912-4	206-44-0									
8	•	pyrene				5.1	mg/kg		5.1	mg/kg	0.00051 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							
										Total:	0.00324 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: STOCKPILE ES2

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

Sample details

Sample name:
STOCKPILE ES2
Moisture content:
38%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 38% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		naphthalene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-052-00-2	202-049-5	91-20-3									
2	•	acenaphthylene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-917-1	208-96-8									
3	•	acenaphthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-469-6	83-32-9									
4	•	fluorene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-695-5	86-73-7									
5	•	phenanthrene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
			201-581-5	85-01-8									
6	•	anthracene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			204-371-1	120-12-7									
7	•	fluoranthene				0.86	mg/kg		0.86	mg/kg	0.000086 %		
			205-912-4	206-44-0									
8	•	pyrene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			204-927-3	129-00-0									
9		benz[a]anthracene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
		601-033-00-9	200-280-6	56-55-3									
10		chrysene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-048-00-0	205-923-4	218-01-9									
11		benzo[b]fluoranthene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
		601-034-00-4	205-911-9	205-99-2									
12		benzo[k]fluoranthene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		601-036-00-5	205-916-6	207-08-9									
13		benzo[a]pyrene; benzo[def]chrysene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
		601-032-00-3	200-028-5	50-32-8									
14		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
15	•	benzo[ghi]perylene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-883-8	191-24-2									
16	•	indeno[123-cd]pyrene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			205-893-2	193-39-5									
17	•	confirm TPH has NOT arisen from diesel or petrol				☑							
										Total:	0.00047 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: WS01

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

Sample details

Sample name:
WS01
Sample Depth:
0.20-0.40 m
Moisture content:
12%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 12% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic pentoxide }	033-004-00-6	215-116-9	1303-28-2		3.7	mg/kg	1.534	5.675	mg/kg	0.000568 %		
2		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		0.14	mg/kg	1.855	0.26	mg/kg	0.000026 %		
3		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		0.5	mg/kg	1.462	0.731	mg/kg	0.0000731 %		
4		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		20	mg/kg	1.252	25.036	mg/kg	0.0025 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	27	mg/kg		27	mg/kg	0.0027 %		
6		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.1	mg/kg		0.1	mg/kg	0.00001 %		
7		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		20	mg/kg	2.637	52.734	mg/kg	0.00527 %		
8		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.6	mg/kg	1.405	2.248	mg/kg	0.000225 %		
9		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		55	mg/kg	4.398	241.886	mg/kg	0.0242 %		
11		naphthalene	601-052-00-2	202-049-5	91-20-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
12		acenaphthylene		205-917-1	208-96-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
13		acenaphthene		201-469-6	83-32-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14	•	fluorene		201-695-5	86-73-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
15	•	phenanthrene		201-581-5	85-01-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
16	•	anthracene		204-371-1	120-12-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
17	•	fluoranthene		205-912-4	206-44-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
18	•	pyrene		204-927-3	129-00-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
19		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
20		chrysene	601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
21		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.1	mg/kg		0.1	mg/kg	0.00001 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
23		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
25	•	benzo[ghi]perylene		205-883-8	191-24-2		0.1	mg/kg		0.1	mg/kg	0.00001 %		
26	•	indeno[123-cd]pyrene		205-893-2	193-39-5		0.1	mg/kg		0.1	mg/kg	0.00001 %		
27	•	TPH (C6 to C40) petroleum group			TPH		62	mg/kg		62	mg/kg	0.0062 %		
28	•	confirm TPH has NOT arisen from diesel or petrol					☑							
											Total:	0.0451 %		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
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 for cumulative determinand results below the threshold of: 450 mg/kg (0.045%) because: Professional Judgement

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0062%)

Classification of sample: WS03

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

Sample details

Sample name:
WS03
Sample Depth:
0.20-0.40 m
Moisture content:
21%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 21% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic pentoxide }	033-004-00-6	215-116-9	1303-28-2		4.9	mg/kg	1.534	7.516	mg/kg	0.000752 %		
2		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		0.1	mg/kg	1.855	0.185	mg/kg	0.0000185 %		
3		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		0.5	mg/kg	1.462	0.731	mg/kg	0.0000731 %		
4		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		16	mg/kg	1.252	20.028	mg/kg	0.002 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	24	mg/kg		24	mg/kg	0.0024 %		
6		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.05	mg/kg		0.05	mg/kg	0.000005 %		
7		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		19	mg/kg	2.637	50.097	mg/kg	0.00501 %		
8		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.2	mg/kg	1.405	1.686	mg/kg	0.000169 %		
9		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		55	mg/kg	4.398	241.886	mg/kg	0.0242 %		
11		naphthalene	601-052-00-2	202-049-5	91-20-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
12		acenaphthylene		205-917-1	208-96-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
13		acenaphthene		201-469-6	83-32-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14	•	fluorene		201-695-5	86-73-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
15	•	phenanthrene		201-581-5	85-01-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
16	•	anthracene		204-371-1	120-12-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
17	•	fluoranthene		205-912-4	206-44-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
18	•	pyrene		204-927-3	129-00-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
19		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
20		chrysene	601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
21		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.1	mg/kg		0.1	mg/kg	0.00001 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
23		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
25	•	benzo[ghi]perylene		205-883-8	191-24-2		0.1	mg/kg		0.1	mg/kg	0.00001 %		
26	•	indeno[123-cd]pyrene		205-893-2	193-39-5		0.1	mg/kg		0.1	mg/kg	0.00001 %		
27	•	TPH (C6 to C40) petroleum group			TPH		10	mg/kg		10	mg/kg	0.001 %		
28	•	confirm TPH has NOT arisen from diesel or petrol					☑							
											Total:	0.0413 %		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
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 for cumulative determinand results below the threshold of: 450 mg/kg (0.045%) because: Professional Judgement

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.001%)

Classification of sample: WS07

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

Sample details

Sample name:
WS07
Sample Depth:
0.10-0.20 m
Moisture content:
27%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 27% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic pentoxide }	033-004-00-6	215-116-9	1303-28-2		12	mg/kg	1.534	18.407	mg/kg	0.00184 %		
2		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		0.39	mg/kg	1.855	0.723	mg/kg	0.0000723 %		
3		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		0.5	mg/kg	1.462	0.731	mg/kg	0.0000731 %		
4		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		45	mg/kg	1.252	56.33	mg/kg	0.00563 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	180	mg/kg		180	mg/kg	0.018 %		
6		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.14	mg/kg		0.14	mg/kg	0.000014 %		
7		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		15	mg/kg	2.637	39.55	mg/kg	0.00396 %		
8		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.9	mg/kg	1.405	1.265	mg/kg	0.000126 %		
9		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		180	mg/kg	4.398	791.627	mg/kg	0.0792 %		
11		naphthalene	601-052-00-2	202-049-5	91-20-3		1	mg/kg		1	mg/kg	0.0001 %		
12		acenaphthylene		205-917-1	208-96-8		0.56	mg/kg		0.56	mg/kg	0.000056 %		
13		acenaphthene		201-469-6	83-32-9		1.3	mg/kg		1.3	mg/kg	0.00013 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14	•	fluorene		201-695-5	86-73-7		1.1	mg/kg		1.1	mg/kg	0.00011 %		
15	•	phenanthrene		201-581-5	85-01-8		11	mg/kg		11	mg/kg	0.0011 %		
16	•	anthracene		204-371-1	120-12-7		2.8	mg/kg		2.8	mg/kg	0.00028 %		
17	•	fluoranthene		205-912-4	206-44-0		22	mg/kg		22	mg/kg	0.0022 %		
18	•	pyrene		204-927-3	129-00-0		22	mg/kg		22	mg/kg	0.0022 %		
19		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		10	mg/kg		10	mg/kg	0.001 %		
20		chrysene	601-048-00-0	205-923-4	218-01-9		10	mg/kg		10	mg/kg	0.001 %		
21		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		9.2	mg/kg		9.2	mg/kg	0.00092 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		6.1	mg/kg		6.1	mg/kg	0.00061 %		
23		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		12	mg/kg		12	mg/kg	0.0012 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		2.2	mg/kg		2.2	mg/kg	0.00022 %		
25	•	benzo[ghi]perylene		205-883-8	191-24-2		7.1	mg/kg		7.1	mg/kg	0.00071 %		
26	•	indeno[123-cd]pyrene		205-893-2	193-39-5		7.2	mg/kg		7.2	mg/kg	0.00072 %		
27	•	TPH (C6 to C40) petroleum group			TPH		400	mg/kg		400	mg/kg	0.04 %		
28	•	confirm TPH has NOT arisen from diesel or petrol					☑							
											Total:	0.166 %		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
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 for cumulative determinand results below the threshold of: 450 mg/kg (0.045%) because: Professional Judgement

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.04%)

Classification of sample: WS06

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

Sample details

Sample name:
WS06
Sample Depth:
0.50-0.60 m
Moisture content:
15%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic pentoxide }	033-004-00-6	215-116-9	1303-28-2		6	mg/kg	1.534	9.203	mg/kg	0.00092 %		
2		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		0.13	mg/kg	1.855	0.241	mg/kg	0.0000241 %		
3		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		0.5	mg/kg	1.462	0.731	mg/kg	0.0000731 %		
4		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		31	mg/kg	1.252	38.805	mg/kg	0.00388 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	26	mg/kg		26	mg/kg	0.0026 %		
6		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.05	mg/kg		0.05	mg/kg	0.000005 %		
7		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		39	mg/kg	2.637	102.831	mg/kg	0.0103 %		
8		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				2.1	mg/kg	1.405	2.951	mg/kg	0.000295 %		
9		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		86	mg/kg	4.398	378.222	mg/kg	0.0378 %		
11		naphthalene	601-052-00-2	202-049-5	91-20-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
12		acenaphthylene		205-917-1	208-96-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
13		acenaphthene		201-469-6	83-32-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14	●	fluorene		201-695-5	86-73-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
15	●	phenanthrene		201-581-5	85-01-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
16	●	anthracene		204-371-1	120-12-7		0.1	mg/kg		0.1	mg/kg	0.00001 %		
17	●	fluoranthene		205-912-4	206-44-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
18	●	pyrene		204-927-3	129-00-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
19		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
20		chrysene	601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
21		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.1	mg/kg		0.1	mg/kg	0.00001 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
23		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
25	●	benzo[ghi]perylene		205-883-8	191-24-2		0.1	mg/kg		0.1	mg/kg	0.00001 %		
26	●	indeno[123-cd]pyrene		205-893-2	193-39-5		0.1	mg/kg		0.1	mg/kg	0.00001 %		
27	●	TPH (C6 to C40) petroleum group			TPH		32	mg/kg		32	mg/kg	0.0032 %		
28	●	confirm TPH has NOT arisen from diesel or petrol					☑							
											Total:	0.0655 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
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 for cumulative determinand results below the threshold of: 450 mg/kg (0.045%) because: Professional Judgement

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS08

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

Sample details

Sample name:
WS08
Sample Depth:
0.20 m
Moisture content:
29%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 29% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		arsenic { arsenic pentoxide }	033-004-00-6	215-116-9	1303-28-2		17	mg/kg	1.534	26.076	mg/kg	0.00261 %		
2		cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4		0.26	mg/kg	1.855	0.482	mg/kg	0.0000482 %		
3		chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		0.5	mg/kg	1.462	0.731	mg/kg	0.0000731 %		
4		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		29	mg/kg	1.252	36.302	mg/kg	0.00363 %		
5		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	82	mg/kg		82	mg/kg	0.0082 %		
6		mercury { inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex }	080-002-00-6			1	0.14	mg/kg		0.14	mg/kg	0.000014 %		
7		nickel { nickel sulfate }	028-009-00-5	232-104-9	7786-81-4		13	mg/kg	2.637	34.277	mg/kg	0.00343 %		
8		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.86	mg/kg	1.405	1.208	mg/kg	0.000121 %		
9		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		28	mg/kg	1.785	49.985	mg/kg	0.005 %		
10		zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		120	mg/kg	4.398	527.751	mg/kg	0.0528 %		
11		naphthalene	601-052-00-2	202-049-5	91-20-3		0.19	mg/kg		0.19	mg/kg	0.000019 %		
12		acenaphthylene		205-917-1	208-96-8		0.15	mg/kg		0.15	mg/kg	0.000015 %		
13		acenaphthene		201-469-6	83-32-9		0.2	mg/kg		0.2	mg/kg	0.00002 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
14	•	fluorene		201-695-5	86-73-7		0.28	mg/kg		0.28	mg/kg	0.000028 %		
15	•	phenanthrene		201-581-5	85-01-8		1.3	mg/kg		1.3	mg/kg	0.00013 %		
16	•	anthracene		204-371-1	120-12-7		0.24	mg/kg		0.24	mg/kg	0.000024 %		
17	•	fluoranthene		205-912-4	206-44-0		3.1	mg/kg		3.1	mg/kg	0.00031 %		
18	•	pyrene		204-927-3	129-00-0		0.24	mg/kg		0.24	mg/kg	0.000024 %		
19		benz[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.1	mg/kg		3.1	mg/kg	0.00031 %		
20		chrysene	601-048-00-0	205-923-4	218-01-9		3.3	mg/kg		3.3	mg/kg	0.00033 %		
21		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		2	mg/kg		2	mg/kg	0.0002 %		
22		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		3	mg/kg		3	mg/kg	0.0003 %		
23		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2	mg/kg		2	mg/kg	0.0002 %		
24		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.59	mg/kg		0.59	mg/kg	0.000059 %		
25	•	benzo[ghi]perylene		205-883-8	191-24-2		1.2	mg/kg		1.2	mg/kg	0.00012 %		
26	•	indeno[123-cd]pyrene		205-893-2	193-39-5		1.1	mg/kg		1.1	mg/kg	0.00011 %		
27	•	TPH (C6 to C40) petroleum group			TPH		41	mg/kg		41	mg/kg	0.0041 %		
28	•	confirm TPH has NOT arisen from diesel or petrol					☑							
											Total:	0.0822 %		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
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 for cumulative determinand results below the threshold of: 450 mg/kg (0.045%) because: Professional Judgement

Hazard Statements hit:

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

Because of determinand:

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

Appendix A: Classifier defined and non GB MCL 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: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

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

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

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

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

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **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

- **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

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

Description/Comments: Data from ECHA's C&L inventory database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 30 Apr 2020
Hazard Statements: Acute Tox. 4; H302 , Skin Sens. 1; H317 , Eye Irrit. 2; H319

- **lead compounds with the exception of those specified elsewhere in this Annex (worst case)**

GB MCL index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

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

Appendix B: Rationale for selection of metal species

arsenic {arsenic pentoxide}

Worst case most likely species to be present

cadmium {cadmium sulfate}

Worst case species (edit as required)

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

most likely species to be present on site

copper {copper(II) oxide}

most likely species to be present on site

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Chromate unlikley to be found on site

mercury {inorganic compounds of mercury with the exception of mercuric sulphide and those specified elsewhere in this Annex}

most likely species to be present on site

nickel {nickel sulfate}

worst case most likely species to be present on site

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

most likely species to be present on site

vanadium {divanadium pentaoxide; vanadium pentoxide}

Only choice available

zinc {zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2]}

Chromate unlikley to be on site

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2025.98.6557.11928 (08 Apr 2025)
HazWasteOnline Database: 2025.98.6557.11928 (08 Apr 2025)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021
GB MCL List v2.0 - version 2.0 of 20th October 2023
GB MCL List v3.0 - version 3.0 of 11th January 2024
GB MCL List v4.0 - version 4.0 of 2nd March 2024
GB MCL List v5.0 - version 5.0 of 26th June 2024
GB MCL List v6.0 - version 6.0 of 15th February 2025

Appendix C Waste License and Environmental Permit

JNP GROUP
CONSULTING ENGINEERS

Environmental License and Permit Register

Material Description	EWC	Origin	Material carrier			Disposal site/Treatment works	
			Name	License Number	Expiry Date	Name	License No: Exemption Ref.

Appendix D Waste Disposal Records

Waste Disposal Log

Waste Disposal Records

Date Removed	Waste Type	Identifying of the person removing the waste	Site the waste of being taken to and whether licensed or exempt	Waste carrier and registration number	Confirmation of delivery*

*Evidence of waste carrier registration and waste transfer or hazardous waste consignment notes for each removal of waste should be provided either as part of the plan, or filed and cross references

Appendix E Yorkshire and Lincolnshire Pollution Advisory Group guidance (YALPAG) Sampling & Testing Matrix

Appendix 1a – Sampling & Testing Matrix

Type	Number of Samples	Testing Schedule	Assessment Criteria
	Please note that these guidelines apply to a typical residential development, and relaxation of the guidelines or more stringent requirements may apply dependent on local and site specific factors. Therefore, <u>all parameters need to be agreed with the Local Authority</u>.		
Virgin Quarried Material	1 or 2 depending on the type of stone utilised, to confirm the inert nature of the material.	Standard metals/metalloids (should include as a minimum As, Cd, Cr, CrVI, Cu, Hg, Ni, Pb, Se, Zn)	The assessment criteria need to be UK based, e.g. LQM S4ULs, Defra C4SLs or other similarly derived GACs.
Crushed Hardcore, Stone, Brick (excluding asphalt)	Minimum 1 per 500m^3	Standard metals/metalloids (as above), PAH (16 USEPA speciation), asbestos, total TPH. Any additional analysis dependant on the history of the donor site (e.g. phenol, total cyanide, BTEX, MTBE).	
Greenfield/ Manufactured Soils	Minimum 3 Dependent on source and receptor, between 1 per 50m^3 and 1 per 250m^3	Standard metals/metalloids (as above), PAH (16 USEPA speciation), asbestos, pH and soil organic matter (SOM) (or calculated from total organic carbon (TOC)).	
Brownfield/ Screened Soils	Minimum 6 Dependent on source and receptor, between 1 per 50m^3 and 1 per 100m^3	Standard metals/ metalloids (as above), PAH (16 USEPA speciation), TPH (CWG banded), asbestos, pH and SOM (or calculated from TOC). Any additional analysis dependant on the history of the donor site (e.g. phenol, total cyanide, BTEX, MTBE).	

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