

Caulmert Limited

Engineering, Environmental & Planning
Consultancy Services

Riverside Waste Transfer Station

Williams Environmental Limited

Environmental Permit Application

Supporting Document

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Supporting Document

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1.0 INTRODUCTION

1.1 Application Context

- 1.1.1 Williams Environmental Limited (hereafter referred to as ‘the operator’) have appointed Caulmert Limited to prepare a Bespoke Environmental Permit application for a new Hazardous Waste Transfer Station located on the Riverside Industrial Estate off Oliver Road, West Thurrock, Grays, postcode RM20 3EF.
- 1.1.2 The operator currently operates a facility identical to that proposed at Unit 3 Charles Street Industrial Estate, in Silvertown, London under Environmental Permit ref. EPR/SP3336SA, however the land on which it is situated is subject to a compulsory land purchase order and so the operator has to relocate the facility before November 2023.
- 1.1.3 The current facility has operated for over 20 years in Silvertown and the operator has reported that they have a very good permit compliance record with no history of complaints.
- 1.1.4 The land on which the applicant proposes to relocate will eventually form part of a wider development comprising a large ‘state of the art’ tanker washing facility, not linked to the permitted activity but this affects its final location and footprint within the site.
- 1.1.5 The area of land subject to this application has recently received planning consent for this proposed development, however a further Planning Application is to be submitted in the new year for the wider development that (subject to approval) will result in the relocation of the transfer station within the site that will then require a further Permit Application.
- 1.1.6 It is envisaged that the waste transfer station will remain on the area of land proposed by this application for a period of 18-24 months before relocation to its final position.
- 1.1.7 The documents included within this application are as follows:
- Supporting Document (this report including Non-Technical Summary and summary of the Management System)
 - Application forms Part A, B2, B3, B4 and F1
 - Site Condition Report
 - Amenity & Accidents Risk Assessment
 - Process Description & Appropriate Techniques including BAT Review Report
 - Odour & Dust Management Plans
 - Fire Prevention Plan

1.2 Document structure

- 1.2.1 This Supporting Document has been prepared to provide additional information to support the information provided in Parts A, B2, B3, B4 and F1 of the environmental permit application forms for applying for a bespoke environmental permit. To aid cross-referencing between this document and the application form, the various issues are presented in the same order as in

the application form and the headings in this document include the specific question number to which the information relates.

2.0 APPLICATION FORM PART A

2.1 Part A - Q5c: details of the directors

- 2.1.1 Details of directors for Williams Environmental Limited are as detailed below in Table 1. Details of Dates of Birth are included in Appendix 1, and due to confidentiality, these should be withheld from the Public Register.

Table 1 - Directors

Name of Directors
Liza Whitmore

3.0 APPLICATION FORM PART B2: GENERAL - A BESPOKE PERMIT

3.1 Part B2 – Q1a: Pre-application discussions

- 3.1.1 A Pre-application screening request has been submitted and received from the Environment Agency under reference: EPR/DP3604MV/A001, a copy of which can be found in Appendix 2.
- 3.1.2 Additional basic pre-application advice was sought detailing the correct application charges and information about documents, risks assessments and any specific management plans that are needed to accompany the application. This response is also included in Appendix 2, under reference: EPR/LP3341QD/A001.
- 3.1.3 A Site meeting was also held with Tim Sheppard, Senior Environment Officer, based at Rivers House, Feering to brief him on the proposed operations and infrastructure and to seek his advice on Application requirements.

3.2 Part B2- Q2a: About the Site

- 3.2.1 The permit being applied for is for a proposed site, Riverside Waste Transfer Station, to be located at Watson Close, off Oliver Road, West Thurrock, Grays, postcode RM20 3EF and at National Grid Reference TQ 58183 76744.

3.3 Part B2 – Q2b: What type of regulated facility are you applying for?

- 3.3.1 This application involves a Waste Installation application for a Hazardous Waste Transfer Station for the following listed activities:
- Section 5.3 A (1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging.
 - Section 5.3 A (1)(a)(ii) Disposal or recovery of hazardous waste involving physico-chemical treatment of hazardous waste (not exceeding 10 tonnes per day but associated with the above activity).
 - Section 5.6 Part A (1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3.
- 3.3.2 This application also involves the following Waste Operation:
- Non-hazardous Household, Commercial and Industrial Waste Transfer activity

3.4 Part B2 – Q2e: Treating Batteries

- 3.4.1 The operator does not propose to treat batteries. Batteries will only be accepted to site for bulking and subsequent transfer off-site for treatment or recycling. No treatment of batteries will be undertaken on site and batteries will be stored securely and kept dry in suitable containers, within fully bunded concrete storage bays under cover. Further information can

be found in Sections 3.0 and 5.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304, included within this application.

3.5 Part B2 – Q3a: Your Ability as an Operator: Relevant offences

3.5.1 There are currently no relevant unspent offences or convictions to date.

3.6 Part B2 – Q3b: Technical ability

3.6.1 The Technically Competent Manager for the facility is Mr Mike Price and his date of birth is included in Appendix 1, and his certificates, including continued competence, are attached in Appendix 3.

3.7 Part B2 – Q3c: Finances

3.7.1 There are no current or past bankruptcy or insolvency proceedings against any relevant persons associated with the company.

3.8 Part B2 – Q3d: Management Systems

3.8.1 The Operator has implemented an environmental management system to control the operations at their site.

3.8.2 The management of the operation will continue to be in line with ISO14001:2004 standard for environmental management. A copy of the certification is included in Appendix 4.

3.8.3 A Management System Summary is also detailed within Appendix 4.

3.8.4 In summary the site management system will contain:

- A full maintenance schedule for all machinery and equipment on site.
- Documented procedures to control all aspects of the operation that may have an impact on the environment, including contingency and operational methods which are to be undertaken in the event that there is a plant breakdown, or activities that could lead to unacceptable emissions.
- Well documented procedures for monitoring emissions and impacts including the use of a daily site log. All monitoring will occur in accordance with the Environmental Management plans.

3.8.5 The site will undertake a preventative maintenance programme where site plant and infrastructure will be inspected on a daily, weekly and monthly basis in accordance with written procedures.

3.8.6 Training systems will be in place for all employees which will include:

- Relevant operations undertaken on site;

- Management techniques to be employed for all aspects of operations which are relevant to their position;
- Reporting any abnormal events;
- Contingency measures in place to prevent breaches of the Environmental Permit in the event of abnormal weather conditions; and,
- Contingency measures to be taken in the event that accidental emissions are released to the environment.

3.8.7 The operator will only appoint suitably qualified contractors, and all purchasing of equipment and materials will be undertaken in accordance with the management system.

Identifying and minimising risks of pollution

3.8.8 The management system includes measures that will be taken to manage fugitive emissions. An Amenity and Accidents Risk Assessment under document reference 5195-CAU-XX-XX-RP-V-0302 has been included to support the permit application.

3.8.9 The risk assessment was also used as a tool for identifying the risk management measures that are important in minimising the risks of pollution. The identified risk management measures are considered to be the minimum technical standards which the site should operate to.

3.8.10 A plan showing the sensitive receptors around the site has also been prepared under drawing ref. 5195-CAU-XX-XX-DR-V-1801.

3.9 Part B2 – Q5a: Plans for the site

3.9.1 All supporting drawings for the application are detailed in Table 2 below:

Table 2 - Description of the submitted plans

Drawing No. & Title	Content
5195-CAU-XX-XX-DR-V-1800	Proposed Site Layout Plan
5195-CAU-XX-XX-DR-V-1801	Sensitive Receptors Plan
5195-CAU-XX-XX-DR-V-1802	Proposed Permit Boundary Plan

3.10 Part B2 – Q5b: Site report for any additional land

3.10.1 As part of this permit application, a Site Condition Report detailing baseline conditions for the site, with reference to previous site investigations, is provided as document ref. 5195-CAU-XX-XX-RP-V-0301, included within the application documents.

3.11 Part B2 – Q5c: Non-technical summary

3.11.1 Williams Environmental Limited (hereafter referred to as 'the operator') have appointed Caulmert Limited to prepare a Bespoke Environmental Permit application for a new Hazardous

Waste Transfer Station located on the Riverside Industrial Estate off Oliver Road, West Thurrock, Grays, at postcode RM20 3EF.

- 3.11.2 The operator currently operates a facility identical to that proposed at Unit 3 Charles Street Industrial Estate in Silvertown, London, under Environmental Permit ref. EPR/WP3336SA), however the land on which it is situated is subject to a compulsory land purchase order and so the operator has to relocate the facility before November 2023. The current facility has operated for over 20 years in Silvertown and the operator has reported that they have a very good permit compliance record with no history of complaints.
- 3.11.3 The land on which the applicant proposes to relocate will eventually form part of a wider development comprising a large 'state of the art' tanker washing facility, not linked to the permitted activity, but this affects its final location and footprint within the site. The area of land subject to this application has recently received planning consent for this proposed development, however a further Planning Application is to be submitted in the new year for the wider development that (subject to approval) will result in the relocation of the transfer station within the site that will require a further Permit Application. It is envisaged that the waste transfer station will remain on the area of land proposed by this application for a period of 18-24 months before relocation to its final position.
- 3.11.4 This permit application is to apply for a new bespoke waste installation permit for the new hazardous waste transfer station at Riverside Industrial Estate. This application involves a applying for the following listed activities:
- Section 5.3 A (1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging.
 - Section 5.3 A (1)(a)(ii) Disposal or recovery of hazardous waste involving physico-chemical treatment of hazardous waste (not exceeding 10 tonnes per day but associated with the above activity).
 - Section 5.6 Part A (1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3.
- 3.11.5 It is also proposed to add the following waste activity to cover non-hazardous wastes to be accepted at the site:
- Non-hazardous Household, Commercial and Industrial Waste Transfer Station
- 3.11.6 The installation will involve the temporary storage of hazardous and non-hazardous waste, prior to bulking and repackaging for subsequent transfer off-site for further treatment or disposal. In addition, activities at the site will include the scraping and emptying out of residues from containers and a drum crushing operation. Emptied containers and crushed drums from hazardous waste will be sent off site for further treatment. Containers and drums that had non-hazardous waste in will be sent straight for recycling at the appropriate facility. Non-hazardous pallets and packaging waste is also sent off-site for recycling or disposal.

- 3.11.7 The site will accept up to 25,000 tonnes per annum of hazardous waste and temporarily store up to 820 tonnes at any one time. The full list of wastes proposed to be accepted is included in Appendix 5 of this document.
- 3.11.8 All hazardous waste reception, storage, repackaging, and drum crushing operations will be undertaken in fully bunded areas with concrete surfacing. The repackaging and bulking of hazardous wastes likely to produce emissions of odour or vapours (VOCs), for example solvent wastes, will be undertaken within a 3-sided bunded building with external PVC strip door curtain on the fourth side. The building will be installed with air extraction maintaining negative pressure inside the building and an activated carbon filter for removal of VOCs and odours from the air. Repackaging and bulking of hazardous and non-hazardous wastes not likely to give rise to emissions will be undertaken outside in concrete bays or into skips on concrete surfacing. The main storage and treatment area will be covered by a steel-framed canopy, accessed via a sleeping policeman. Some wastes such as general waste, asbestos waste, scrap metal and pigeon guano, will be stored in enclosed skips/RORO containers.
- 3.11.9 Application forms Part A, B2, B3 and F1 have been completed as part of this permit application to apply for a new bespoke waste installation environmental permit for the proposed hazardous waste transfer station. In addition, application form Part B4 is also included within the application, covering the proposed non-hazardous waste transfer activities for packaging waste.
- 3.11.10 A more detailed process description of the proposed operations at the site including waste acceptance, testing, repackaging, bulking, storage and waste removal procedures, is found in Section 2.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304, included within this application.
- 3.11.11 The operator will implement an environmental management system to cover the site activities, which will define the sites management structure, as well as setting out the roles and responsibilities of all staff, the environmental policy of the company, the health and safety procedures relevant to the site, and the process plant operating procedures for both normal and emergency conditions.
- 3.11.12 An environmental risk assessment has been produced which covers the risks such as odour, noise and vibration, fugitive emissions (dust, litter, mud and debris, surface run-off, visible plumes) and accidents (spillages, leaks, fire) as a result of the proposed operations at the site, as Amenity & Accidents Risk Assessment document ref. 5195-CAU-XX-XX-RP-V-0302.
- 3.11.13 An Odour Management Plan (OMP) ref. 5195-CAU-XX-XX-RP-V-0306, is included within the application, covering management and control measures in place to mitigate potential odour and VOC emissions from site activities.
- 3.11.14 In addition, a Dust Management Plan (DMP) ref. 5195-CAU-XX-XX-RP-V-0305, is included within the application, setting out the control measures in place at the site to minimise potential dust emissions from site activities.

3.11.15 A Fire Prevention Plan ref. 5195-CAU-XX-XX-RP-V-0308 has been produced for the proposed activities on site, which involves the handling and storage of combustible wastes, and covers the control measures in place to prevent a fire at the site and the procedures in place should a fire occur, including dealing with fire waters.

3.12 Part B2 – Q5d: Combustible Wastes

3.12.1 Whilst the majority of wastes to be accepted at the site are hazardous, there will be limited storage of non-hazardous combustible wastes within dedicated containers/skips within a separate area. Further to EA Pre-Application Advice, a Fire Prevention Plan has been included within the application under document ref. 5195-CAU-XX-XX-RP-V-0308.

3.13 Part B2 – Q6: Environmental Risk Assessment

3.13.1 An Amenity and Accidents Risk Assessment has been included as part of this application to cover the risks of the proposed activities within the permit boundary under document reference document ref. 5195-CAU-XX-XX-RPV-0302.

4.0 APPLICATION FORM PART B3: APPLYING FOR A BESPOKE INSTALLATION PERMIT**4.1 Part B3 – Q1a - What activities are you applying for****Table 3 – Activities Applying For**

Installation name and Schedule 1 Reference	Description of the Activity	Annex IIA or IIB (disposal and recovery codes) and description
Section 5.3 A(1)(a)(iv)	Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging	<i>R12/D13/D14 bulking/repackaging of waste. D14 Bulking of Asbestos waste.</i>
Section 5.3 A(1)(a)(ii)	Disposal or recovery of hazardous waste involving physico-chemical treatment (not exceeding 10 tonnes per day but associated with the above activity)	<i>R12 crushing of empty metal drums prior to export off-site for recovery.</i>
Section 5.6 Part A (1)(a)	Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3.	<i>R13/D15 Storage of Hazardous Waste prior to bulking/repackaging for transfer off site. D15 Asbestos waste storage.</i>
<i>Directly associated Activity</i>		
	Raw Material Storage	<i>Storage of raw materials including lubrication oil and diesel</i>
Description of activities for waste operations		
	Household, commercial and industrial non-hazardous waste transfer station	<i>D15 Storage of waste pending any of the operations listed in paragraphs 1 to 14 of this Part of the Schedule, but excluding temporary storage, pending collection, on the site where the waste is produced R13 Temporary storage of wastes pending any other recovery operations (excluding temporary storage, pending collection, on the site where it is produced)</i>
Activity Capacity	Hazardous and Non-Hazardous Waste Transfer Station: 25,000 tonnes per year. Maximum of 820 tonnes at any one time.	

4.2 Part B3 – Q1b: Types of waste accepted

4.2.1 The Hazardous and Non-Hazardous waste types proposed to be accepted at Riverside Waste Transfer Station are detailed in Appendix 5 of this document.

4.3 Part B3 – Q2: Emissions to air, water and land

4.3.1 There will be point source emissions to air from the carbon filter in the Bay 18 building, to be used for repackaging and bulking of hazardous wastes likely to give rise to odorous and VOC

emissions. These are anticipated to not be significant and will not be a continuous emission, with bulking and repackaging within the building only occurring for typically 1 hour per day.

- 4.3.2 There will be no point source emissions to water or land as part of the application.
- 4.3.3 See Section 7.0 of the 'Process Description & Appropriate Techniques including BAT Review' report, document ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

4.4 Part B3 – 3a Technical Standards

Table 4 – Technical Standards

Description of Schedule 1 activity or directly associated activity	Relevant technical guidance note or Best available techniques as described in BAT conclusions under IED	Document reference
Section 5.3 Part A(1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging.	'Establishing best available techniques (BAT) conclusions for waste treatment', under Direction 2010/75/EU of the European Parliament and of the Council.	Environmental Risk Assessment - Amenity and Accidents Risk Assessment document ref. 5193-CAU-XX-XX-RP-V-0302 included in this application.
Section 5.3 Part A(1)(a)(ii) Disposal or recovery of hazardous waste involving physico-chemical treatment of hazardous waste (not exceeding 10 tonnes per day but associated with the above activity)	Environment Agency guidance 'Chemical waste: appropriate measures for permitted facilities', published 18 th November 2020.	Management System – summary included in Appendix 4 of this document. Dust Management Plan ref. 5195-CAU-XX-XX-RP-V-0305.
Section 5.6 Part A (1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3	Environment Agency and DEFRA guidance on 'Risk assessments for your environmental permit' (last updated 31 st August 2022).	Odour Management Plan ref. 5195-CAU-XX-XX-RP-V-0306. Fire Prevention Plan ref. 5195-CAU-XX-XX-RP-V-0308.
	Environment Agency and DEFRA guidance 'Control and monitor emissions for your environmental permit' (last updated 24 th November 2022).	Process Description & Appropriate Techniques including BAT Review report ref. 5195-CAU-XX-XX-RP-V-0304.
	Environment Agency guidance 'H4 Odour Management: How to comply with your environmental permit' published March 2011.	
	Environment Agency guidance on 'Fire prevention plans:	

Description of Schedule 1 activity or directly associated activity	Relevant technical guidance note or Best available techniques as described in BAT conclusions under IED	Document reference
	environmental permits' (updated 11 th January 2021).	

4.5 Part B3 – Q3b: General Requirements

4.5.1 It is a general requirement for all applications to consider the risk of emissions in relation to possible accidents, fugitive emissions, odour and noise and vibration as a result of the proposed activities. Risk assessments were carried out using the Environment Agency's templates for environmental risk assessments as set out in the guidance and management plans prepared where required:

- An Amenity and Accidents Risk Assessment document ref. 5195-CAU-XX-XX-RP-V-0302 is included within the application. This concluded that the risk of noise, vibration and dust from the proposed site operations will be low and do not require management plans. This is due to site operations that are unlikely to be significantly noisy, operating as a transfer station only, and there are no sources of vibration identified. The risk of dust generation from site activities is low due to the majority of waste types accepted at the site not likely to generate dust and any wastes with the potential to release dust will be containerised and will not be opened, only placed into larger containers or bags for transfer off-site. Odours and release of volatile organic compounds (VOCs) is identified as a potential issue due to the waste types proposed to be accepted, however mitigation measures will be in place and therefore an Odour Management Plan has been produced, as below.
- A Dust Management Plan (DMP) ref. 5195-CAU-XX-XX-RP-V-0305, is included within the application, due to the site's proximity to an Air Quality Management Area (AQMA) (within 2km) for PM10. The DMP sets out the control measures in place at the site to minimise potential dust emissions from site activities.
- An Odour Management Plan (OMP) ref. 5195-CAU-XX-XX-RP-V-0306, is included within the application, covering management and control measures in place to mitigate potential odour and VOC emissions from site activities.
- A Fire Prevention Plan (FPP) ref. 5195-CAU-XX-XX-RP-V-0308 has been prepared covering the proposed site activities and storage arrangements, due to the proposed acceptance of combustible wastes.
- A 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304 is included within the application, written in line with 'Best Available Techniques (BAT) Conclusions for Waste Treatment' (2018) under Industrial Emissions Directive (IED) 2010/75/EU, and also with reference to Environment Agency guidance 'Chemical waste: appropriate measures for permitted facilities', published 18th November 2020.

4.6 Part B3 – Q3c: Raw Materials

4.6.1 The use of raw materials is to be very limited as part of site operations. See Section 9.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

4.7 Part B3 – Q3d Information for specific sectors – Appendix 2: Chemicals

4.7.1 Q1 Technical Description – please see Section 2.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

4.7.2 Q2 Multi-product protocol in place? – Not applicable to this application.

4.7.3 Q3 Does Chapter V of the IED apply to your activities? No – not applicable.

4.8 Part B3 – Q4a: Monitoring Emissions

4.8.1 See Section 7.0 and 8.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

4.9 Part B3 – Q4b: Point source emissions to air only

4.9.1 See response to Section 4.3.

4.10 Part B3 – Q6a Describe the basic measures for improving how energy efficient your activities are

4.10.1 See Section 9.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

4.10.2 The energy requirements of the facility are relatively low, limited to energy needed for the drum crusher (electrically powered), the air extraction system in the building in Bay 18, power for the site office and welfare facilities, and diesel for the two forklifts. Energy efficiency measures are addressed in the site's Environmental Management System.

4.11 Part B3 – Q6b Provide a breakdown of any changes to the energy your activities use up and create

4.11.1 As above. See Section 9.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

4.12 Part B3 – Q6d Explain and justify the raw and other materials, other substances and water that you will use

4.12.1 See Section 9.0 of the 'Process Description & Appropriate Techniques including BAT Review' report ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

4.13 Part B3 – Q6e Describe how you avoid producing waste in line with Council directive 2008/98/EC on waste

- 4.13.1 It is proposed for the site operations to include waste bulking and repackaging. The proposed site activities may produce small amounts of incidental waste including empty packaging, cardboard, or litter. However the activities will not produce wastes at the site. This will be disposed of or recycled appropriately at a licenced facility. Wastes will be stored in the general waste skip or other suitable container awaiting removal from site.

5.0 APPLICATION FORM PART B4: NEW BESPOKE WASTE OPERATION

5.1 Part B4 – Q1a: What waste operation are you applying for?

5.1.1 Household, commercial and industrial non-hazardous waste transfer station.

5.1.2 See Section 4.1.

5.2 Part B4 – Q1b: Types of Waste

5.2.1 Waste types proposed to be accepted at Riverside Waste Transfer Station are detailed in Appendix 5 of this document.

5.3 Part B4 – Q2: Emissions

5.3.1 See response to Section 4.3.

5.4 Part B4 – Q3a: Technical Standards

Table 5 – Technical Standards

Description of Waste Operation	Appropriate Measure (TGN reference)	Document reference
Household, commercial and industrial non-hazardous waste transfer station	'Establishing best available techniques (BAT) conclusions for waste treatment', under Direction 2010/75/EU of the European Parliament and of the Council.	Environmental Risk Assessment - Amenity and Accidents Risk Assessment document ref. 5193-CAU-XX-XX-RP-V-0302 included in this application.
	Environment Agency guidance 'Chemical waste: appropriate measures for permitted facilities', published 18 th November 2020.	Management System – summary included in Appendix 4 of this document.
	Environment Agency and DEFRA guidance on 'Risk assessments for your environmental permit' (last updated 31 st August 2022).	Dust Management Plan ref. 5195-CAU-XX-XX-RP-V-0305.
	Environment Agency and DEFRA guidance 'Control and monitor emissions for your environmental permit' (last updated 24 th November 2022).	Odour Management Plan ref. 5195-CAU-XX-XX-RP-V-0306.
	Environment Agency guidance 'H4 Odour Management: How	Fire Prevention Plan ref. 5195-CAU-XX-XX-RP-V-0308.
		Process Description & Appropriate Techniques including BAT Review report ref. 5195-CAU-XX-XX-RP-V-0304.

Description of Waste Operation	Appropriate Measure (TGN reference)	Document reference
	<p>to comply with your environmental permit' published March 2011.</p> <p>Environment Agency guidance on 'Fire prevention plans: environmental permits' (updated 11th January 2021).</p>	

5.5 Part B4 – Q3b: General Requirements

5.5.1 See response in Section 4.5.

5.6 Part B4 – Q3c: Information for specific sectors

5.6.1 Not applicable to this application.

5.7 Part B4 – Q4a: Describe the measures you use for monitoring emissions by referring to each emission point

5.7.1 See the 'Process Description & Appropriate Techniques including BAT Review' report, document ref. 5195-CAU-XX-XX-RP-V-0304 for further details.

5.8 Part B4 – Q4b: Point source emissions to air only

5.8.1 See response in Section 4.3.

6.0 APPLICATION FORM PART F1: FEES AND CHARGES

6.1 Part F1 - Table 2: Charge Type

6.1.1 The total application fee relates to the following activities:

- Section 5.3 A (1)(a)(iv) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving repackaging.
- Section 5.3 A (1)(a)(ii) Disposal or recovery of hazardous waste involving physico-chemical treatment of hazardous waste (not exceeding 10 tonnes per day but associated with the above activity).
- Section 5.6 Part A (1)(a) Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending any of the activities listed in Section 5.1, 5.2 and 5.3.

6.1.2 This application also involves the following Waste Activity:

- Non-hazardous Household, Commercial and Industrial Waste Transfer activity

6.1.3 As per Environment Agency Charging Scheme 2022/23, the charging references and fees are presented below in Table 6:

Charging Ref.	Description	Fee
1.16.1.3	Section 5.3 A (1)(a)(iv) – hazardous waste installation – repackaging	£16,001
1.16.1.2	Section 5.3 A (1)(a)(ii) – hazardous waste installation - physico-chemical treatment of hazardous waste (50% of application charge of £16,001 as it is a secondary activity)	£8,000.50
1.16.4	Section 5.6 Temporary storage of hazardous waste (10% of application charge of £13,519)	£1,351.90
1.16.6	Household, commercial and industrial waste transfer station; includes assessment of fire prevention plan and odour management plan (50% of application charge of £9,176 as it is a secondary activity)	£4,588
1.19.2	Habitats Assessment	£779
1.19.5	Dust Management Plan	£1,241
	Total	£31,961.40

6.1.4 A BACs transfer payment for the total fee of **£27,307** was made to the Environment Agency using payment reference: **PSCAPPWILL5195** in January 2023.

6.1.5 A further payment of **£4,654.40** has been made to the Environment Agency on 29th June 2023, also using payment reference: **PSCAPPWILL5195**. This was made in response to a revision of the application fees by the Environment Agency during Duly Making of the application in June 2023. A copy of the payment confirmation is included in Appendix 6.


DRAWINGS

5195-CAU-XX-XX-DR-V-1802 Proposed Permit Boundary Plan



LEGEND

 PROPOSED PERMIT BOUNDARY

P01	ISSUED FOR INFORMATION	EJD	SH	SH	01.12.22
REV	MODIFICATIONS	BY	RE	AP	DATE
PURPOSE OF ISSUE FOR INFORMATION				STATUS S2	
CLIENT:  Williams Environmental Waste Management that doesn't cost the Earth					
PROJECT: RIVERSIDE WASTE TRANSFER STATION					
TITLE: PROPOSED PERMIT BOUNDARY PLAN					
DESIGNED BY EJD	DRAWN BY EJD	REVIEWED BY AD	AUTHORISED BY SH		
DATE 01-12-2022	SCALE @ A3 1:5000	JOB REF: 5195	REVISION P01		
DRAWING NUMBER 5195-CAU-XX-XX-DR-V-1802					



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Registered Office: Intec, Parc Menai, Bangor, Gwynedd, LL57 4FG Company Registered No: 06716319

APPENDIX 1

Directors & TCM Dates of Birth

Appendix 1:

Williams Environmental Limited Director Details

Director Name	Date of Birth
Liza Whitmore	

Technically Competent Manager Details

TCM Name	Date of Birth
Mike Price	



Certificate Number 9113
ISO 9001, ISO 14001

Caulmert Limited

Registered Office: InTec, Parc Menai, Bangor, Gwynedd, LL57 4FG

Company Registered No. 06716319
Company Registered in Cardiff

APPENDIX 2

Pre-Application Advice

FAO: Andy Stocks
On behalf of Williams Environmental Ltd
Charles Street, Silvertown, E16 2BY

Our reference: EPR/LP3341QD/A001
Date: 02/12/2022

Dear Mr Stocks,

Pre application advice – Basic service

Site: Riverside Transfer Station (phase 1), Watson Close, off Oliver Way, West Thurrock, RM20 3EF

Thank you for your pre application enquiry on 16/11/2022 and for taking the time to speak with me on 29/11/2022.

You confirmed that the operator needs to move their operation to the above site. The operator currently holds a permit for a hazardous waste transfer station at another site (ref: EPR/WP3336SA), and they are having to move their business due to a compulsory purchase order being imposed that the current location. The operator does not intend to change activities at the new site. The waste is bulked and repackaged inside a building and then stored in covered containers either outside or within the building before collection. Wastes have already been segregated prior to arrival onto site, and no blending or mixing of different wastes is involved.

As discussed, the operator's current permit is in an old format, and they will have to apply for a new bespoke installations permit following our current guidance. I note that the current permit does not individually list the waste codes they handle. Upon application submission, the operator must list all waste codes they handle, which should be considered with writing the risk assessments based on their characteristics. Therefore, it would be prudent to only include those which the operator will take. They should also have appropriate descriptions against each one. Any 99 codes are likely to be questioned so should be avoided if possible. If any are to be included, this must be justified and an adequate description of the waste provided to take away uncertainty.

Below I have given a little more information compared with that you received in your earlier pre-application response dated 16/11/2022. Some wastes may now be considered hazardous if they contain persistent organic pollutants (POPs), and these are predominantly found in WEEE. If you want to check their classification, please see:

[Classify some waste electrical devices, components, and wastes from their treatment - GOV.UK \(www.gov.uk\)](http://www.gov.uk) .

Activity-wise, the bulking and repackaging of hazardous wastes comes under s5.3A(1)(a)(iv) for the disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day. The temporary storage of hazardous waste with a total capacity of over 50 tonnes is dealt with under s5.6A(1)(a).

Regarding the packaging waste you said the operator deals with, if this is included to aid the transportation of the main wastes (eg: boxes holding containers of paint) and is not contaminated, then it is likely this would be deemed as incidental. However, if the operator specifically takes in packaging wastes from time to time, then this is a non-hazardous storage waste transfer station activity which would need to be added to the permit.

Below, I have provided information regarding the documents we are likely to require to help you put the application together. You mentioned during our chat that there will probably be a vent in the building since you are storing substances like hazardous liquids (and no other point source emission), so as this is an installation, the operator should submit an H1 assessment for this to find out whether modelling is required.

You also asked the question about whether this application will be considered for prioritisation due to the circumstances surrounding the operator's requirement to move. I cannot provide such confirmation of this, so you should submit a robust justification for such a request being granted when the application is submitted. This should include full details of the reasons behind the site move, and the impacts it has on the business, especially if the permit cannot be issued before the move deadline. We will make the judgement

customer service line 03706 506 506

floodline 03459 88 11 88

incident hotline 0800 80 70 60

Page 1 of 7

upon its receipt. However, I stress that the application must be fully completed upon arrival – if it is missing key information and is allocated to an officer for determination, it runs the risk of being returned.

Please note that if we cannot progress the application to determination after we have contacted you for missing information (we usually only allow a maximum of 10 days turnaround for responses), then we may keep 20% of the application charge when returning it to cover our costs to that point. This amount is capped at £1,500.

Below are details about how to apply for this permit and how much it will cost.

Habitats

As outlined in the previous pre-application advice, the new site does have a number of sensitive sites nearby, so you must assess the risk in the application submission. Details of the organisations you need to contact for more information about this was supplied in the previous advice sent on 16/11/2022.

Forms

You will need to submit the following forms: -

- Parts A, B2, B3 and F1
- You should also include Part B6 if it is decided there will be a point source emission to water, groundwater or sewer.
- If you are adding the non-hazardous waste transfer activity, this is a waste activity rather than installations, so you should also include the B4 form as well.

Please ensure you download the latest version of the forms, as your application will be returned if an old version of the forms is used:

[A1 installations: environmental permits - GOV.UK \(www.gov.uk\)](http://www.gov.uk)

[Application for an environmental permit: part B4 new bespoke waste operation - GOV.UK \(www.gov.uk\)](http://www.gov.uk)

You must read all accompanying guidance when completing the forms to ensure you do not miss anything out.

You must ensure you provide dates of birth for all appropriate people as per Appendix 1 in form Part A. Failure to do so will delay your application being put into our systems. Please note that these details will not be made available on the Public Register.

Declaration

Please ensure the Declaration section is completed by each “relevant person”.

- For an application from an individual, a relevant person is the person to be named on the permit.
- For an application from more than one individual, each person who is applying for their name to be on the permit must complete the declaration – you will have to print a separate copy of the declaration page for each additional individual to complete.
- In the case of a company, a relevant person must be an active director/company secretary as listed on Companies House – <https://beta.companieshouse.gov.uk/>
- For a charity, a relevant person is a key post holder, i.e., chair, chief executive, director or trustee.

Additional information required

The following additional documents and supporting information will be required as part of your application:

Site Plan

Provide a plan clearly showing the site boundary using an unbroken line, and plans clearly marking site layout, infrastructure and drainage arrangements.

Environmental Management System (EMS)

You must also send a summary of your environmental management system (EMS) and this must be site-specific. Guidance on this is available from Gov.uk:

<https://www.gov.uk/guidance/develop-a-management-system-environmental-permits>

customer service line 03706 506 506

floodline 03459 88 11 88

incident hotline 0800 80 70 60

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Non-technical summary (NTS)

You must provide us with an explanation of your proposed activities which includes a summary of your operations and key technical standards and control measures arising from your risk assessment. This should be written using non-technical language and be no more than 2 pages in length.

Technical Competence

As your activities include waste management, you must meet legal operator and competence requirements. You will need to send in evidence of appropriate technical competence for the proposed activities (or in the case of variations, the proposed changes). You will need to include valid certificates or other acceptable evidence.

Best available techniques (BAT)

For new permit applications, you will need to provide a technical description of the activity (or in the case of a variation, the changes you propose to make).

You need to detail the plant, equipment and infrastructure, including design capacities. You must demonstrate how you will meet any relevant Best Available Techniques (including compliance with BAT conclusions where these have been published for your activity). This should include consideration for any relevant Directives, Energy Efficiency Directive and Waste Framework Directive (WFD). In this case, the main BAT you should use is for waste treatment, and this also points you to other relevant BAT guidance needed. The link to all the BAT documents is here:

[BAT reference documents | Eippcb \(europa.eu\)](#)

The technical assessment should also include details of your operating techniques and the infrastructure you are using to minimise the risk of pollution, including any details of secondary containment used (such as bunds) and how this meets any relevant standards. Please see the pollution prevention guidance for additional advice. BAT also outlines requirements regarding waste acceptance and accident management among others - all of which should be considered in your technical assessment.

Environmental risk assessment (ERA)

For new applications or when you make changes, you must consider the environmental risk posed by your proposals. This must take the form of an environmental risk assessment which should follow the methodology set out in risk assessments for your environmental permit.

You should read our guide to risk assessments for specific activities and consider using our assessment tool to evaluate your environmental risk. Our assessment tool will inform you when more detailed modelling is required. You stated during our discussion that the site's building will have at least one vent so it is likely you will need to address the risks this poses and complete and submit the H1 risk assessment determine whether modelling is also required for this application. I have included the H1 tool and its guidance for you to complete here.

You must carry out detailed modelling assessment on any emissions that you didn't screen out through your air emissions risk assessment. Your modelling report needs to follow the air dispersion modelling reports guidance.

You should check if your site is located in a flood risk zone. If the site is in a flood zone, you should assess the risk of pollution in the event of a flood.

Should the proposal require any form of water discharge, the following guidance should be followed:

customer service line **03706 506 506**

incident hotline **0800 80 70 60**

floodline **03459 88 11 88**

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- If you need to assess the risk of hazardous pollutants to surface water, you need to follow the [surface water pollution risk assessment guidance](#).
- If you need to assess the risk from sanitary determinands you should follow the [assessment of sanitary and other pollutants in surface water discharges methodology](#).
- If you need to undertake detailed modelling of the risk to surface water you should follow the [surface water pollution risk assessment methodology](#).
- If you need to undertake an assessment of the risk to groundwater you should follow the [groundwater risk assessment guidance](#).

Accident prevention & management plan

Your EMS should include a plan for dealing with any incidents or events that could result in pollution. This should follow our [guidance on producing an accident prevention and management plan](#). If applying for a variation, you may need to update this plan to incorporate the proposed changes.

Site condition report (SCR)

As discussed, we highly recommend that sampling is done to establish baseline data of the ground under the site. This will become especially important when the operator decides to surrender their permit because they must show us that they have not contributed to any potential contamination during the lifetime of their permit.

For new bespoke permits or variations to increase the area of your facility you should send us a site condition report which covers the area that will be covered by the permit. This should be in line with our guidance [H5 Site condition report – guidance and templates](#).

This needs to include a conceptual site model and identify any relevant hazardous substances on site. Quantitative baseline soil and groundwater monitoring data on the condition of the site should be included or a justification on why this is not required should be provided. You should also consider if you need to undertake soil gas monitoring.

Odour management plan (OMP)

It is highly likely that you will have to submit an OMP as part of this application. The operator must demonstrate clearly how the site manages odour emissions and should be based on the risk assessment and written in line with the H4 guidance.

Information about writing such a plan can be found at:

[Control and monitor emissions for your environmental permit - GOV.UK \(www.gov.uk\)](#)

Dust management plan (DMP)

As with odour, it is likely that you will have to submit a DMP which should be written in line with our guidance found at:

[Control and monitor emissions for your environmental permit - GOV.UK \(www.gov.uk\)](#)

Noise & vibration management plan (NVMP)

We may ask you to submit a noise and vibration impact assessment and a noise management plan if:

- Your activity uses noisy plant or machinery, eg: ventilation systems, vehicles, heavy machinery.
- You will be doing noisy operations, such as loading and unloading, using trommels and conveyors, moving bulk materials.
- Your activities are not contained within buildings.
- Some of your activities take place at night.

- The area where you are planning to carry out the activity is sensitive to noise, eg: nearby residential receptors or habitats.

You should send in a noise impact assessment and corresponding noise and vibration management plan if your risk assessment shows there is a need. Please see the following for guidance:

[Control and monitor emissions for your environmental permit - GOV.UK \(www.gov.uk\)](http://www.gov.uk)

Fire prevention plan

As discussed, you will have to submit a fire prevention plan if the operator finds they take in non-hazardous wastes which are combustible. For guidance on whether you need a FPP and how to write one, please see:

[Fire prevention plans: environmental permits - GOV.UK \(www.gov.uk\)](http://www.gov.uk)

Other information

You should read our Core Guidance document which will tell you about the permitting process and provide information about your responsibility as a waste operator. Here is the link:

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/211852/pb13897-ep-core-guidance-130220.pdf

You might also find useful to read relevant sections of the Sector Guidance Note S5.06 for the recovery and disposal of hazardous and non-hazardous waste, which can be found here:

<https://www.gov.uk/government/publications/sector-guidance-note-s506-recovery-and-disposal-of-hazardous-and-non-hazardous-waste>

Application Fees

I have listed 2 potential fees depending upon whether the operator needs to add a non-hazardous waste activity or not. I have added the relevant section numbers for ease:

Hazardous waste activity only

1.16.1.3 Section 5.3 (a) (iii) and (iv) - hazardous waste installation – blending or repackaging - £16,001

Plus 10% of 1.16.4 Section 5.6 - temporary or underground storage of hazardous waste. £13,519 - £1,351

Plus 1.19.2 Habitats assessment - £779

The operator may also have to include fees for management plans which are below:

- 1.19.5 Emissions management plan - £1,241
- 1.19.6 Odour management plan - £1,241
- 1.19.7 Noise and vibration management plan - £1,246

Total potential maximum fee could be £21,859.

Hazardous and non-hazardous waste activities

1.16.1.3 Section 5.3 (a) (iii) and (iv) - hazardous waste installation – blending or repackaging - £16,001

Plus 10% of 1.16.4 Section 5.6 - temporary or underground storage of hazardous waste. £13,519 - £1,351

Plus the full application fee for 1.16.6 Household, commercial and industrial waste transfer station; includes assessment of fire prevention plan and odour management plan - £9,176

Plus 1.19.2 Habitats assessment - £779

The operator may also have to include fees for management plans which are below:

- 1.19.7 Noise and vibration management plan - £1,246

Total potential maximum fee could be £28,553.

Other fee information

Please note that your application will not be processed until we receive the full application fee payment.

Here is the link to the charging tables:

[The Environment Agency \(Environmental Permitting and Abstraction Licensing\) \(England\) Charging Scheme 2022 \(publishing.service.gov.uk\)](https://publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/611247/the-environment-agency-environmental-permitting-and-abstraction-licensing-england-charging-scheme-2022.pdf)

Here is the link to the charging guidance for reference:

[Environmental permits: when and how you are charged - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/environmental-permits-when-and-how-you-are-charged)

Subsistence Charge

The subsistence charge is going to be:

2.16.1 – Hazardous waste treatment – more than one stream – installation - £11,168

Please note that a subsistence charge is an annual charge which is based on the type and scale of the activity. Payment of this charge must not be included with payment of an application fee. Subsistence charges are invoiced to operators annually, after a permit is issued. The subsistence charge given above may change if we issue you a permit for an activity of a different type and/or scale to the proposed activity in this pre-application request.

What happens next?

If you submit an environmental permit application then please quote this pre-application reference number: **EPR/LP3341QD/A001**.

If the advice above details using the [online digital application form](#), your application can be submitted using this method. If not, please send your completed application documents via email to:

psc@environment-agency.gov.uk

Or by post to:

Environment Agency, Permitting Support Centre, Quadrant 2, 99 Parkway Avenue, Sheffield, S9 4WF

Current application timescales

Our current queues are large and we are taking longer than usual to allocate work for initial assessment, known as duly making. The table below shows our estimated queue times by application type. Please note, this is based on our average times and some applications may be picked up before or after the timescales listed below.

Application type	Estimated time to allocation
New standard rules	14-18 weeks
New bespoke	16-20 weeks
Admin variation	2-4 weeks
Minor variation	13-17 weeks
Normal variation	17-19 weeks
Substantial variation	14-18 weeks
Transfer	7-11 weeks
Surrender	17-21 weeks
Intensive Farming new bespoke	14-18 weeks
Intensive Farming admin variation	12-16 weeks
Intensive Farming normal variation	15-19 weeks

Intensive Farming substantial variation	18-22 weeks
Intensive Farming transfer	22-26 weeks
Intensive Farming surrender	6-10 weeks

Disclaimer

The advice given is based on the information you have provided, and does not constitute a formal response or decision of the Environment Agency with regard to future permit applications. Any views or opinions expressed are without prejudice to the Environment Agency's formal consideration of any application. Please note that any application is subject to duly making and then full technical checks during determination, and additional information may be required based on your detailed submission and site specific requirements and the advice given is to address the specific pre-application request.

This advice covers installations and waste activities only.

Other permissions from the Environment Agency and/or other bodies may be required for associated or other activities.

This pre-application request is now closed.

Further enquiries resulting from this response must be logged as a new request using the online form:

<https://www.gov.uk/government/publications/environmental-permit-pre-application-advice-form>

Our basic pre-application service is free and is limited to the information detailed on section 2 of the [Environmental permitting charges guidance](#) on gov.uk.

If you need more extensive or technical pre-application advice, you can ask for our enhanced pre-application service. The enhanced pre-application advice is charged at £100 per hour plus VAT. You will need to complete and submit a new online pre-application request to request enhanced pre-application advice.

If you have any questions please find my contact details below.

Yours sincerely

Caroline Braysher

Senior permitting officer

Installations, National Permitting Service

Internal: **53720** External: **02030 253 720** Mobile Number: **07920 594545** |

Environment Agency | Quadrant 2, 99 Parkway Avenue, Sheffield, S9 4WF

Nature and Heritage Conservation

Screening Report: Bespoke Installation

Reference	EPR/DP3604MV/A001
NGR	TQ 58217 76746
Buffer (m)	83
Date report produced	22/10/2021
Number of maps enclosed	6

The nature conservation sites identified in the table below must be considered in your application.

Nature and heritage conservation sites	Screening distance (km)	Further information
Marine Conservation Zone (MCZ) Swanscombe	10	Joint Nature Conservation Committee
Ramsar Thames Estuary & Marshes	10	Joint Nature Conservation Committee
Sites of Special Scientific Interest (SSSI) Lion Pit	2	Natural England
Purfleet Chalk Pits		
West Thurrock Lagoon & Marshes		
Swanscombe Peninsula		
Local Wildlife Sites (LWS) West Thurrock Reedbed	2	Appropriate Local Record Centre (LRC)
West Thurrock Lagoon		Appropriate Wildlife Trust

Grenville Road Grasslands

Anchor Field

Protected Species

Screening distance (m)

Further Information

Smelt *Osmerus eperlanus*
migratory route

up to 500m

Environment Agency. Dial 03708 506 506 for your local Fisheries and Biodiversity team

Twaite shad *Alosa fallax*
migratory route

Allis shad *Alosa alosa*
migratory route

Protected Habitats

Screening distance (m)

Further Information

Reedbeds

up to 500m

[Natural England](#)

Where protected species are present, a licence may be required from Natural England or the Welsh Government to handle the species or undertake the proposed works.


The relevant Local Records Centre must be contacted for information on the features within local wildlife sites. A small administration charge may also be incurred for this service.

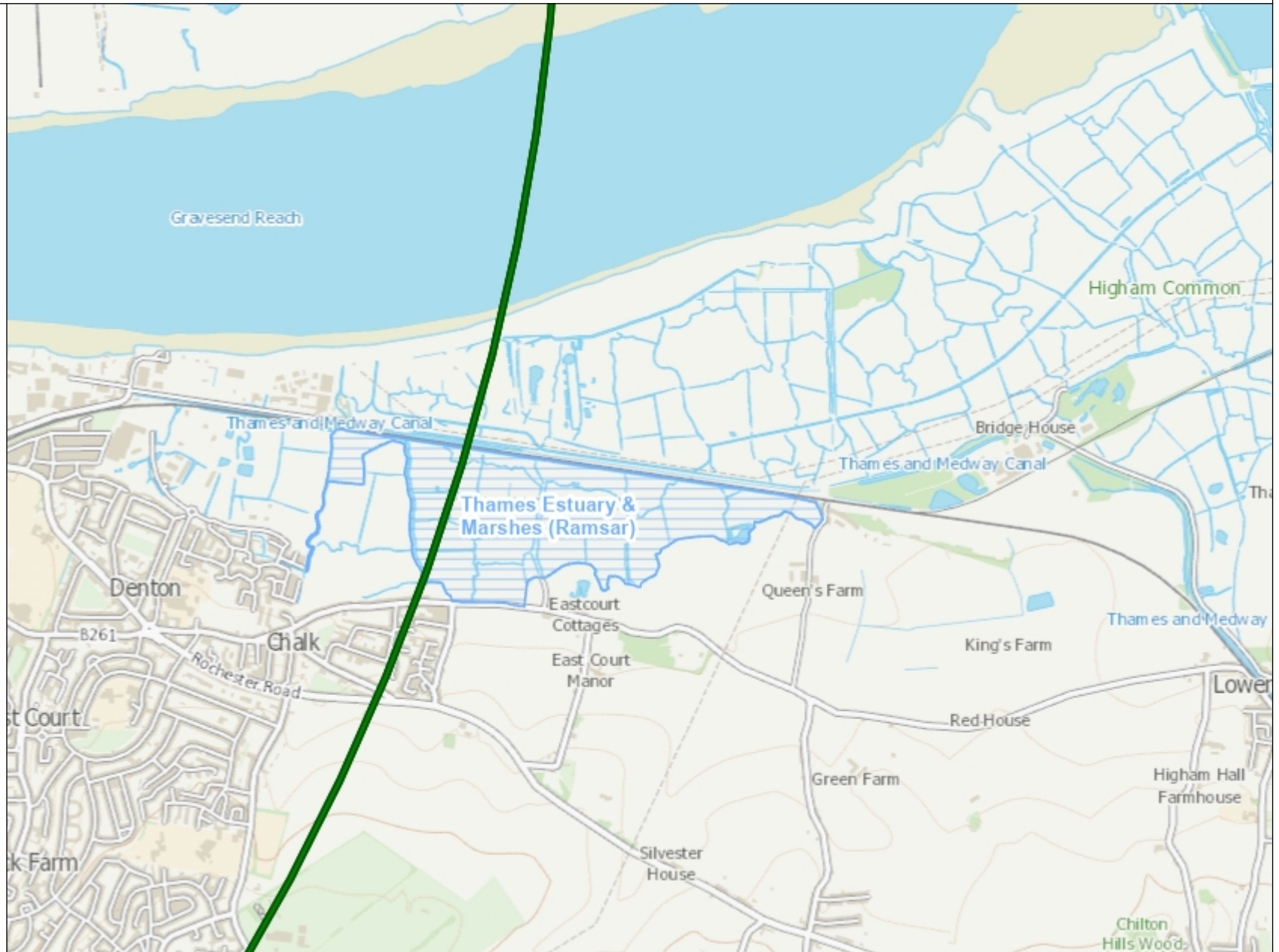
Please note we have screened this application for protected and priority sites, habitats and species for which we have information. It is however your responsibility to comply with all environmental and planning legislation, this information does not imply that no other checks or permissions will be required.

Please note the nature and heritage screening we have conducted as part of this report is subject to change as it is based on data we hold at the time it is generated. We cannot guarantee there will be no changes to our screening data between the date of this report and the submission of the permit application, which could result in the return of an application or requesting further information.

RAMSAR

Legend

 Ramsar (England)



1: 25,000


0 625

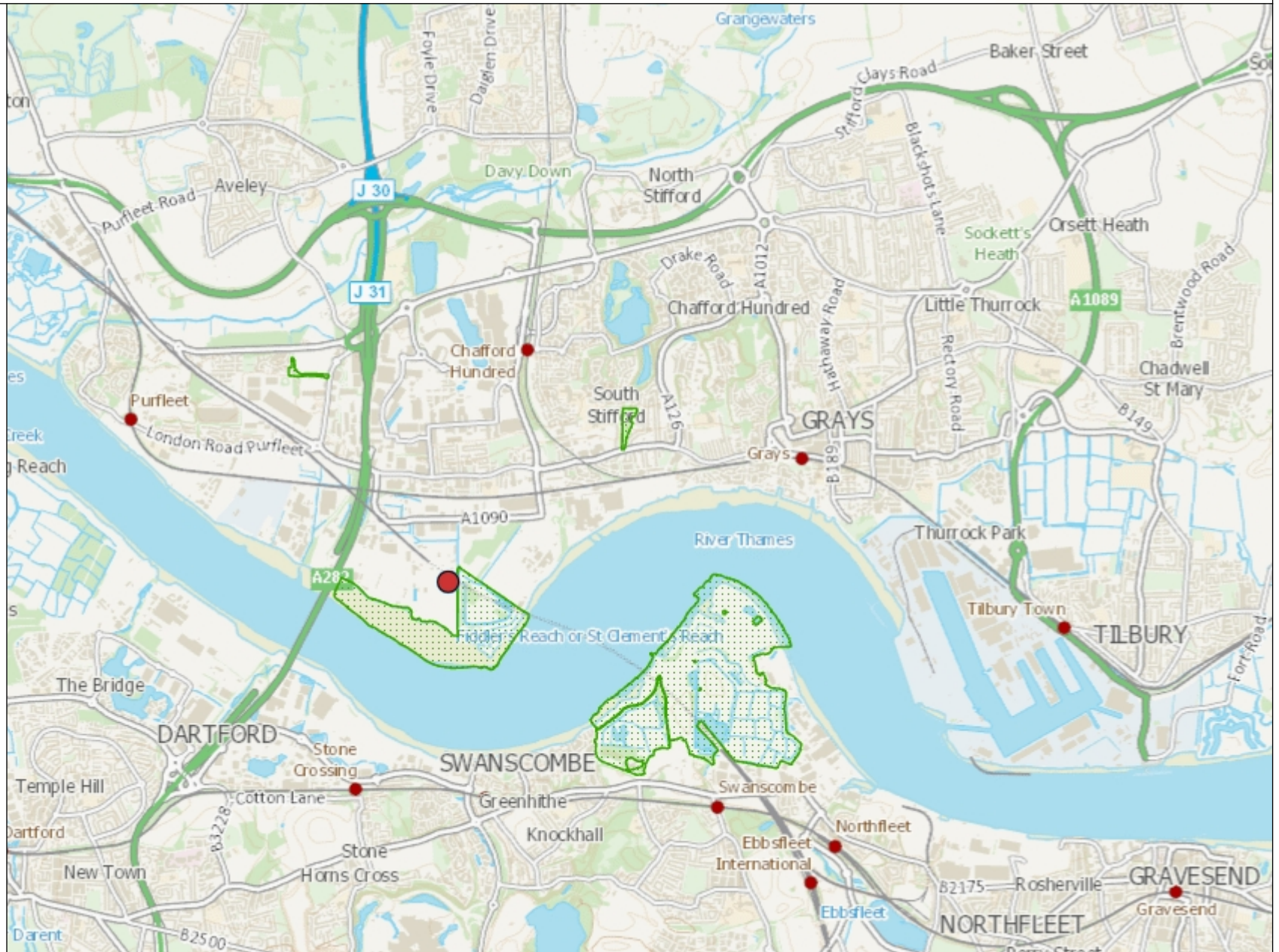
Metres



SSSI


Legend

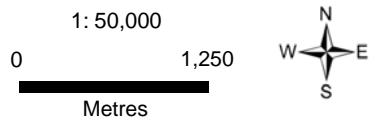
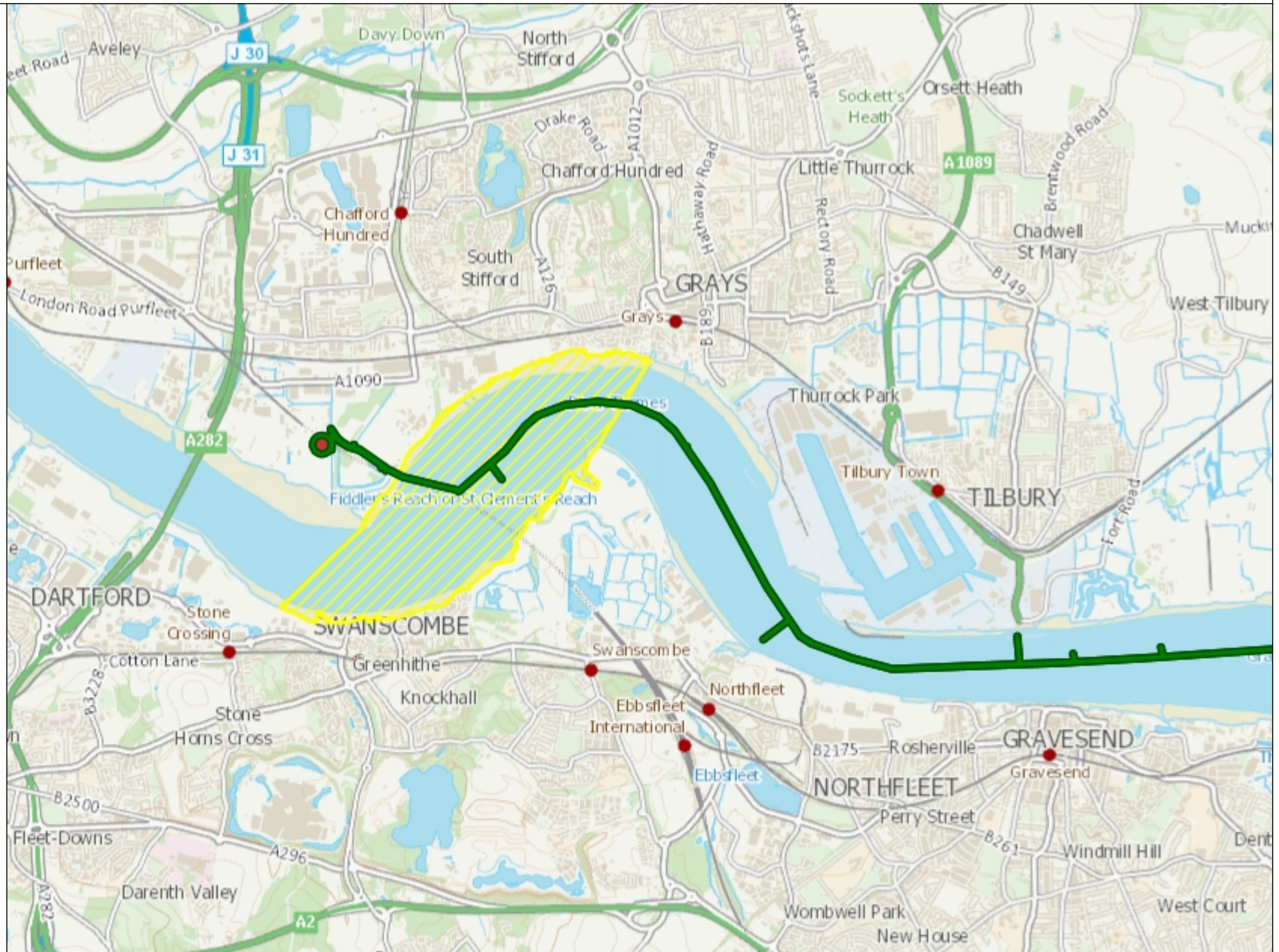
 SSSI (England)



Marine Conservation Zone

Legend

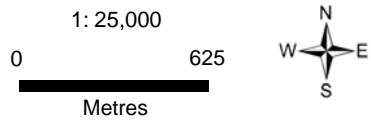
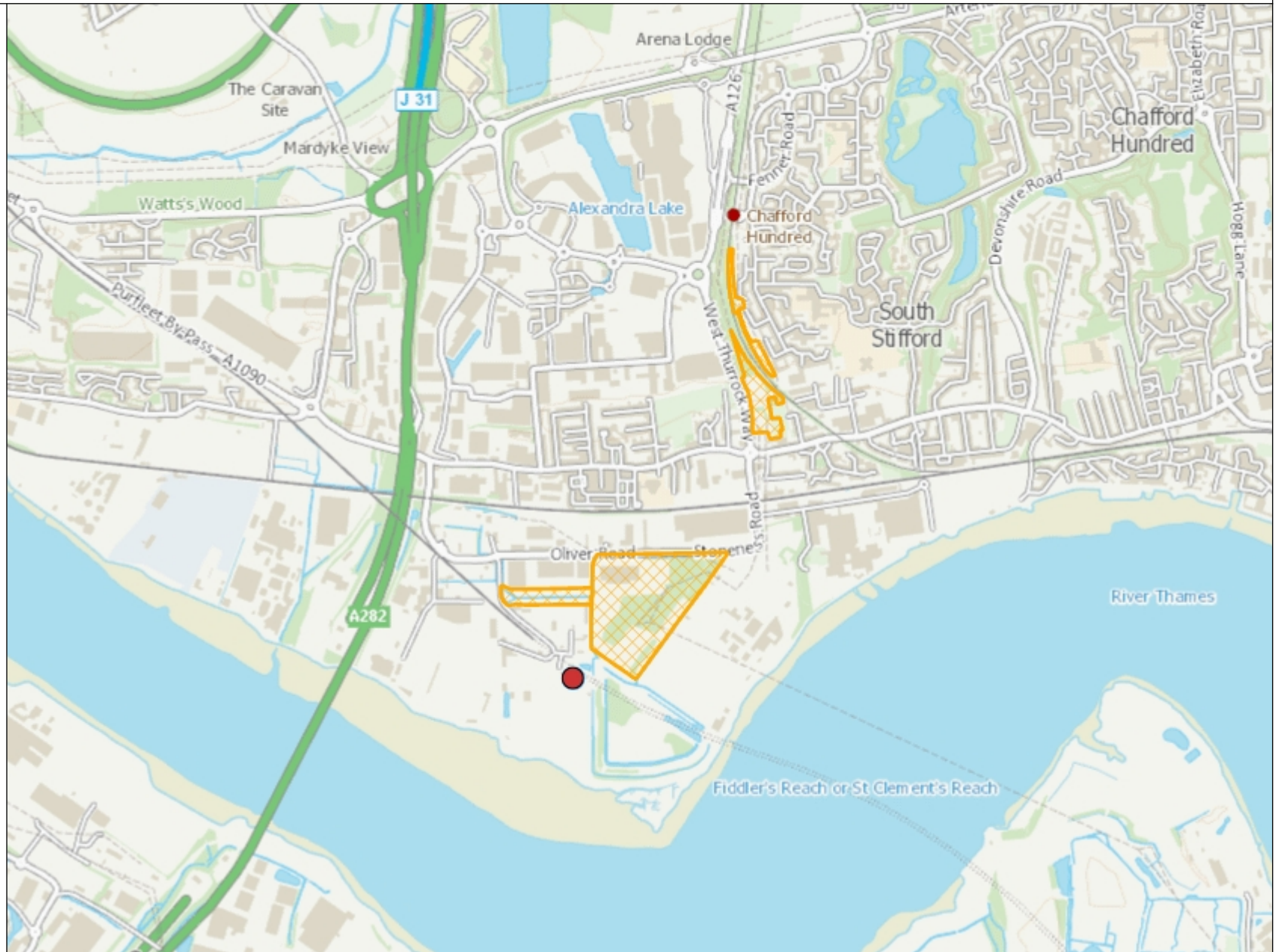
 Marine Conservation Zones



Local Wildlife Sites


Legend

 Local Wildlife Sites



Protected Habitats

Legend




-  Protected Habitats screened for En Permits

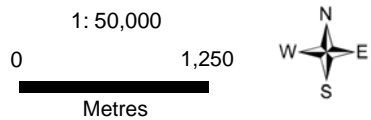
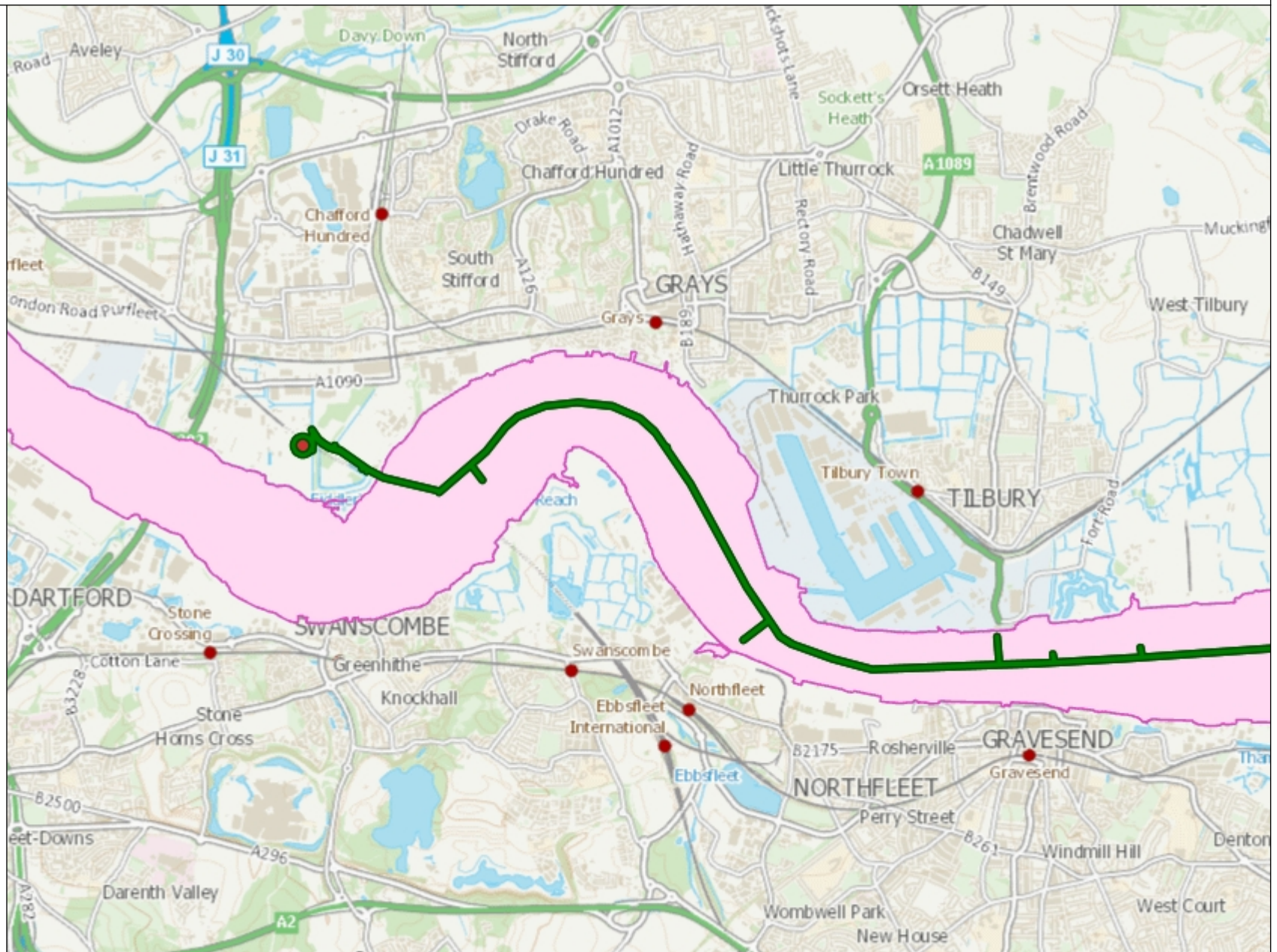


Protected Species

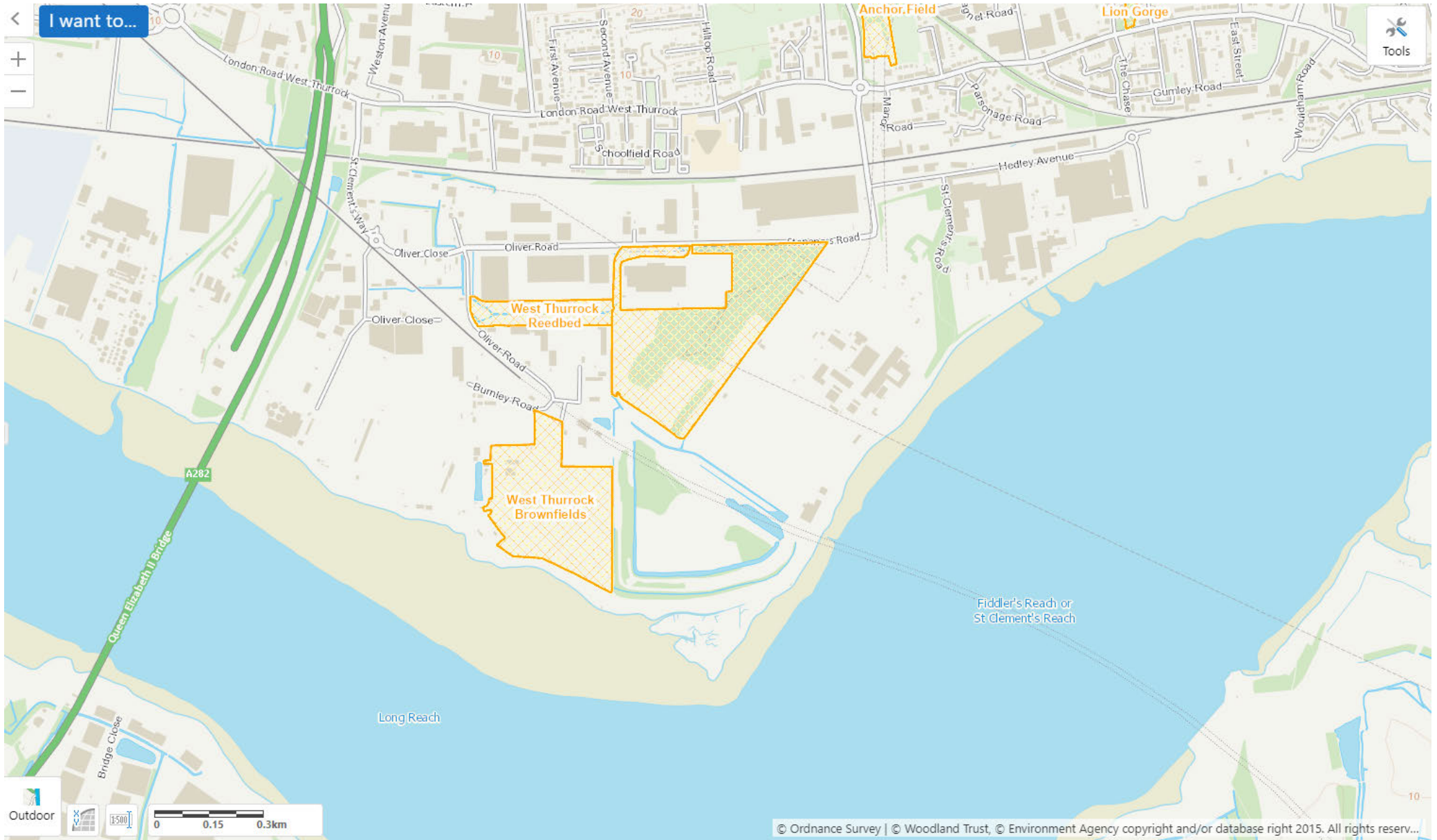
Legend

Protected species screened for Env Permits - complete set

-  Protected species, non fish
-  Protected fish
-  Protected fish migratory route



Updated Local Wildlife Sites (LWS) map from Environment Agency (dated 07/07/2023)



APPENDIX 3

TCM Certificates



Certificate No. OCC6045

Operator Competence Certificate

Title:

Managing Transfer - Hazardous Waste - 4MTSH

This Certificate is awarded to

Michael Price

Awarded: 08/07/2015

Authorised

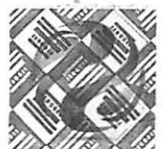
WAMITAB Chief Executive Officer

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management

This certificate is jointly awarded by WAMITAB and the Chartered Institution of Wastes Management (CIWM) and provides evidence to meet the Operator Competence requirements of the Environmental Permitting (EP) Regulations, which came into force on 6 April 2008.



00081646



Credit certificate

This certificate determines credit awarded to:
Michael Price

Units gained:

Credit Value Credit Level

A6017618	Organise the transportation of loads	5	3
A6021510	Manage the transfer of outputs and disposal of residues from hazardous waste transfer and recovery operations	11	4
Y6015875	Monitor procedures to safely control work operations		
K6009711	Manage physical resources		
M6009712	Manage the environmental impact of work activities		
Y6021501	Control work activities on a waste management facility		
A6021670	Manage the movement, sorting and storage of waste		
K6021423	Procedural compliance		
M6021424	Manage and maintain effective systems for responding to emergencies		
D6021435	Control maintenance and other engineering operations		
K6021504	Manage improvements to waste management operations		
F6021606	Manage the reception of hazardous waste		

Awarded: 08/07/2015

Serial No.: 25314/WB6Q/1

Authorised

Ray Burberry
Qualifications Manager, WAMITAB

Regulated by

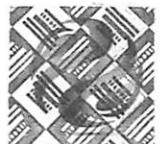


For more information see <http://register.ofqual.gov.uk>



Llywodraeth Cymru
Welsh Government

The qualifications regulators logos on this certificate indicate that the qualification is accredited only for England, Wales and Northern Ireland.



00081648



Qualification Title:

**WAMITAB Level 4 Diploma in Waste Management Operations : Managing
Transfer - Hazardous Waste (QCF) - 4MTSH**

Qualification Accreditation Number:

600/0436/8

This Certificate is awarded to

Michael Price

Awarded: 08/07/2015

Serial No:25314/4MTSH/1

Authorised

A handwritten signature in black ink, appearing to read "Ray Burberry".

**Ray Burberry
Qualifications Manager, WAMITAB**



For more Information see <http://register.ofqual.gov.uk>



**Llywodraeth Cymru
Welsh Government**

The qualifications regulators logos on this certificate
indicate that the qualification is accredited only for
England, Wales and Northern Ireland.



00081650



Certificate No. OCC6044

Operator Competence Certificate

Title:

Managing Physical & Chemical Treatment - Hazardous Waste - 4MPH

This Certificate is awarded to

Michael Price

Awarded: 08/07/2015

Authorised

A handwritten signature in black ink, appearing to read "Steve James".

WAMITAB Chief Executive Officer

A handwritten signature in black ink, appearing to read "John".

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management

This certificate is jointly awarded by WAMITAB and the Chartered Institution of Wastes Management (CIWM) and provides evidence to meet the Operator Competence requirements of the Environmental Permitting (EP) Regulations, which came into force on 6 April 2008.



00081647



Credit certificate
This certificate determines credit awarded to:
Michael Price

Units gained:

		Credit Value	Credit Level
Y6015875	Monitor procedures to safely control work operations	4	3
K6009711	Manage physical resources	3	4
M6009712	Manage the environmental impact of work activities	5	4
Y6021501	Control work activities on a waste management facility	9	3
A6021670	Manage the movement, sorting and storage of waste	7	3
K6021423	Procedural compliance	6	4
M6021424	Manage and maintain effective systems for responding to emergencies	19	4
D6021435	Control maintenance and other engineering operations	13	4
K6021504	Manage improvements to waste management operations	7	4
F6021606	Manage the reception of hazardous waste	15	4
H6021646	Manage site operations for the treatment of hazardous waste	22	4
J6021672	Manage the transfer of outputs and disposal of residues from hazardous waste treatment and recovery operations	13	4

Awarded: 08/07/2015

Serial No.: 25314/HSS3/1

Authorised

Ray Burberry
Qualifications Manager, WAMITAB

Regulated by

Ofqual

For more information see <http://register.ofqual.gov.uk>



Llywodraeth Cymru
Welsh Government

The qualifications regulators logos on this certificate indicate that the qualification is accredited only for England, Wales and Northern Ireland.



00081649



Qualification Title:

**WAMITAB Level 4 Diploma in Waste Management Operations : Managing
Physical & Chemical Treatment - Hazardous Waste (QCF) - 4MPH**

Qualification Accreditation Number:

600/0331/5

This Certificate is awarded to

Michael Price

Awarded: 08/07/2015

Serial No:25314/4MPH/1

Authorised

A handwritten signature in black ink, appearing to read "Ray Burberry".

**Ray Burberry
Qualifications Manager, WAMITAB**

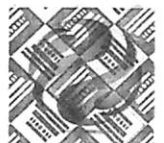
Regulated by
Ofqual
■■■■■■■■■■

For more information see <http://register.ofqual.gov.uk>



**Llywodraeth Cymru
Welsh Government**

The qualifications regulators logos on this certificate
indicate that the qualification is accredited only for
England, Wales and Northern Ireland.



00081651

Continuing Competence Certificate

This certificate confirms that

Michael Price

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 19/05/2023

TMH Treatment - Hazardous Waste
TSH Transfer - Hazardous Waste

Expiry Date:
19/05/2025

Verification date: 18/05/2023

Authorised:



Professional Services Director

Learner ID: 25314

Certificate No.: 5226323

Date of Issue: 19/05/2023



CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management





00191994



APPENDIX 4

Environmental Management System Summary &
Certificates

ISO 14001 & ISO 9001 - Index

Environmental and Quality Management System

<u>1</u>		<u>CONTEXT OF THE ORGANISATION</u>
Section	Tab	Title
1.1	A	Organisation and its Context
1.1.a		Process Guide: Environmental and Quality Aspects and Impacts
1.1.b		Process Guide: Aspects and Impacts Risk Scoring Scheme
1.1.1		Environmental Aspects and Impacts Register
1.1.2		Environmental Risk Assessments
1.1.3		Environmental Action Plan
1.1.4		Quality Aspects and Impacts Register
1.1.5		Quality Action Plan
1.1.6		Environmental and Quality Action Plan Log
1.2	B	Understanding Interested Parties
1.2.1		Interested Parties Assessment Register
1.2.2		Interdepartmental Interested Parties Assessment Register
1.2.3		Interested Parties Action Plan
1.2.4		Interested Parties Action Plan Log
1.3	C	Scope of the Management Systems
1.4	D	Management Systems Process Guide Manual
1.4.1		Management Systems Process Guide Manual Index
1.4.2		Management Systems Navigator
1.4.3		Management Systems Process Map
1.4.4		Sales Process Guide

<u>2</u>		<u>LEADERSHIP</u>
Section	Tab	Title
2.1	E	Commitments and Policies
2.1.1		Leadership commitment on Systems
2.1.2		Leadership commitment on Customers and Improvement
2.1.3		Environmental Policy
2.1.4		Quality Policy
2.1.5		Data Protection and Privacy Policy
2.1.6		Company Safety Policy
2.1.7		Health and Safety Arrangements
2.1.8		Employment Policy
2.1.9		Anti-Bribery Policy
2.1.10		Leadership commitment to Secure Payments

<u>2</u>		<u>LEADERSHIP</u>
Section	Tab	Title
2.2	F	Organisational Roles, Responsibilities, and Authorities
2.2.1		Organisation Structure
2.2.2		Process Guide: Resources, Roles, and Responsibilities
2.2.3		Matrix of Skills, Competence, and Authority
2.2.4		Process Guide: Competence, Training, and Awareness
2.2.5		SQEMS Awareness and Induction Records

<u>3</u>		<u>PLANNING</u>
Section	Tab	Title
3.1	G	Objectives and Planning
3.1.a		Process Guide: Objectives, Targets and Programme
3.1.1		Environmental Objectives Programme
3.1.2		Quality Objectives Programme

<u>4</u>		<u>SUPPORT</u>
Section	Tab	Title
4.1	HI	Resources
4.1.1		Resources Assessment Register
4.2	JK	Competence
4.2.1		Ongoing Training Programme
4.2.2		Training Records
4.3	L	Communication
4.3.a		Process Guide: Communication
4.3.1		External Parties Communication log
4.3.2		Communication Summary
4.3.3		Communications Appendix
4.3.4		Complaints Log
4.3.5		Incident log
4.4	M	Documented Information
4.4.a		Process Guide: Compliance Obligations
4.4.1		Register of External Standards
4.4.2		Current Legislation Sources
4.4.3		Key Legislation Register
4.4.4		Legislation Assessments

5		<u>OPERATION</u>
Section	Tab	Title
5.1	N	Planning and Control
5.1.1		Review of Procedures
5.1.2		Procedure Review Log
5.1.3		Procedure Index
5.1.4		Site Operating Procedures [SOP]
5.2	O	Emergency and Response
5.2.a		Process Guide: Emergency Preparedness and Response
5.2.1		Environmental Emergency Action Plan
5.2.2		Bulk Storage Tank Inspection Log
5.2.3		Fire Procedures
5.2.4		Evacuation log
5.2.5	O	Fire Risk Assessments
5.2.6		Site Drainage Map
5.2.7		Fire Extinguisher and Eyewash Stations Map
5.3	PQ	Requirements
5.3.1		Order Process Guide
5.3.2		Changes Log
5.4	R	External Controls
5.5		Production and Provision
5.5.1		Generic RAMS
5.6		Release
5.6.a		Process Guide: Control of Documents
5.6.b		Process Guide: Operational Control
5.7		Non-Conformance Controls
5.7.a		Process Guide: Nonconformity, Corrective and Preventative Actions
5.7.b		Process Guide: Control of Records

6		<u>PERFORMANCE EVALUATION</u>
Section	Tab	Title
6.1	S	Monitoring, Measuring, Analysis and Evaluation
6.1.a		Process Guide: Monitoring and Measurement
6.1.1		Monitoring Log
6.1.2		Maintenance Log

<u>6</u>		<u>PERFORMANCE EVALUATION</u>
Section	Tab	Title
6.2	T	Internal Audits
6.2.a		Process Guide: Internal Audits
6.2.1		Annual Audit and Review Log
6.2.2		Monthly QEMS Audits
6.2.3		Monthly 3 rd Party Reviews
6.2.4		Quarterly Data Protection Audits
6.2.5		Biannual Legislation Review – See 4.4.3
6.2.6		Annual Procedure Review – See 5.1.4
6.2.7		Annual Fire Risk Assessment – See 5.2.5
6.3	UV	Management Audit Suite
6.3.a		Process Guide: Management Review
6.3.1		Internal Review Audit
6.3.2		Technical Review Audit
6.3.3		Health, Safety, Environmental and Quality [HSEQ] Review Audit
6.3.4		Management Review Audit
6.3.5		FORS Progress and Development [FPD] Audit

<u>7</u>		<u>APPENDIX</u>
Section	Tab	Title
7.1	WX	ISOQAR Audits
7.2	YZ	Important Documents

This Section will be reviewed annually on the date specified below, or sooner if modifications or additions are required. The Annual Management Review Audit will also review this section and amend if required.

Director:  Date revised: 01/06/2020
General Manager:  Date of next review: 01/06/2021

1.4.2 – Management Systems Navigator

General Requirements

Williams Environmental Management Ltd maintain, implement and continually improve a Safety, Quality and Environmental Management System (SQEMS) in accordance with the requirements of ISO 14001:2015 and ISO 9001:2015.

The scope of this SQEMS includes all waste management activities and operations conducted at the Charles Street Industrial Estate, Silvertown, E16 2BY facility under PPC Permit No: WP3336SA.

This Navigator is a summary of the visual Process Guides included in the Management Systems Manual, similar to the Summary pages included for each SQEMS Section. The Manual is to be used in conjunction with the SQEMS Folder and 1.4.3. Management Systems Process Map.

Environmental and Quality Policy – 2.1.3 and 2.1.4

The Environmental and Quality Policies are established and maintained that:

- Are appropriate to the nature and scale of the business and environmental/quality aspects of our services and operations.
- Includes a commitment to continual improvement/prevention of pollution.
- Includes a commitment to comply with current applicable legislation.
- Provides a framework for setting and reviewing objectives and targets.
- Are documented, implemented and maintained and communicated to all employees.
- Are made available to interested parties.
- Are made available to the general public via the company website: www.williamsenvironmental.co.uk

Planning

Aspects and Impacts – 1.1.a and 1.1.b

An assessment of the aspects and the potential impact on the environment and quality is conducted, recorded, reviewed and controlled in accordance with Section 1.1.

It is the decision of the organisation not to make public the significant environmental and quality aspects and impacts. They are available for viewing during onsite audits should a customer request it.

Compliance Obligations – 4.4.a

A guide to assessing and keeping records of legislation that affects or controls aspects of the Company's Products and Services.

Objectives and targets – 3.1.a

Environmental and Quality objectives and targets are established at appropriate levels and functions within the organisation. Objectives and targets must consider:

- Compliance Obligations.
- Significant aspects and impacts relevant to the operations of the organisation.
- Technological options, financial, operational and business (resource) requirements.
- Needs and Expectations of interested parties.

Environmental and Quality objectives and targets must be consistent with their respective policies and commitment for the prevention of pollution.

Environmental and Quality objectives and targets are noted in the SQEMS Environmental and Quality Objectives Programmes, regularly reviewed and updated.

This environmental and quality management program is documented and maintained to include:

- The designated responsibility and authority for achievement of the objectives and targets.
- The means and timescales by which the objectives are to be achieved.

The program is reviewed on a regular basis (at least every 6 months unless specified sooner) and amended to reflect progression, achievement and introduction of new objectives and targets.

Implementation and Operation

Resources, roles, responsibility and authority – 2.2.2

Resources are made available from management that are essential for the implementation, maintenance and continual improvement of the SQEMS to include:

- Human resources, specialist skills and competencies.
- Organisational infrastructure.
- Technology.
- Financial resources.

Roles, responsibilities and authorisations are defined documented and communicated to facilitate effective management.

Top management have appointed specific management representatives with responsibility for:

- Ensuring that the SQEMS is implemented and maintained.
- Continual compliance of the SQEMS with the requirements of ISO 14001 and ISO 9001.
- Reporting to management the performance of the SQEMS for review, including recommendations for improvement.
- Representing the company on SQEMS matters to third party organisations.

Competence, training and awareness – 2.2.4

Levels of competency are defined by degrees of experience, training, and knowledge.

Communication – 4.3.a

A guide to communications with Internal and External Parties.

Documentation

The core elements of the management systems are described in this navigator document, which provides direction to associated operational documentation, processes, procedures and records relating to the management system.

SQEMS documentation includes:

- The environmental policy, objectives and targets.
- Description of the scope of the management system.
- Description of the main elements of the management system and their interaction, and reference to related documents.
- Documents, including records, required by ISO 14001 and ISO 9001.
- Documents, including records, determined to be necessary to ensure the effective planning, operation and control of processes that relate to the significant aspects and impacts.

Control of Documents – 5.6.a

A guide to the use and drafting of documents. To be used in conjunction with the Changes Log in SQEMS section 5.3.2.

Operational Control – 5.6.b

Operations and activities that are associated with the significant aspects and impacts are managed and controlled in accordance with documented processes and where applicable, procedures. Refer to 5.6.a and 5.6.b.

Emergency preparedness and response – 5.2.a

A guide to preparing, responding to, and reviewing emergency situations. To be used with SQEMS Section 5.2.

Sales Process Guide – 1.4.4

A guide to the Sales process from enquiry to invoicing, to be used in conjunction with SQEMS section 5.3.1.

Checking

Monitoring and measurement – 6.1.a

A guide to the monitoring and measuring process for the various controls the company uses through the SQEMS.

Non-conformity, corrective action and preventive action – 5.7.a

A guide to the non-conformance process as it applies to waste, incidents, and complaints.

Control of records – 5.7.b

A guide to the control of records and documents with consideration to Data Protection.

Internal audit – 6.2.a

A guide to the series of Audits completed throughout the year to monitor the SQEMS.

Management review – 6.3.a

A guide to the Annual Management Audit Suite (MAS) that culminates with the Management Review (MR).

To be used in conjunction with the SQEMS.

This Section will be reviewed annually on the date specified below, or sooner if modifications or additions are required. The Annual Management Review Audit will also review this section and amend if required.

Director:




Date revised:

01/03/2022

General Manager:

Date of next review:

01/03/2023



About the Company

At Williams Environmental Management Ltd we deliver a truly broad range of Hazardous Waste Management Services, operating from our Silvertown Waste Management Transfer Facility under the terms of our Environmental Agency issued permit. We are licensed to accept a large portfolio of Hazardous and Non Hazardous Wastes at our facility and we have an experienced team to provide waste assessment, labelling, packaging and collection services from your premises.

The wastes we accept include:

- ✓ Hazardous and Non Hazardous drummed and packaged waste disposal and recycling
- ✓ Batteries
- ✓ Laboratory wastes including on site listing and packing services
- ✓ Fluorescent tubes and WEEE
- ✓ COSHH wastes (aerosols, mastics, oily rags, oil filters)
- ✓ Skip repacking
- ✓ Asbestos
- ✓ Contaminated packing

Our waste disposal processes and activities have been documented on procedures and risk assessed to ensure the safe handling of Hazardous wastes for the safety of our employee's, clients and members of the public. Each activity has been risk assessed to further identify safety controls and procedures written for Waste acceptance, inspection, storage, packaging and transport of waste.

We provide Environmental Agency approved consignment notes for all hazardous wastes, backed up with detailed itemised lists of all items on the waste consignment providing their components, quantities, EWC code, hazard and transport codes, UN labelling classification, proper shipping name and recycling or disposal codes. We also welcome to our clients the opportunity to visit our facility to ensure they are happy with our waste activities and tracking procedures.

Our experienced team consists of managers and staff trained in the following skills:

- ✓ WAMITAB Transfer and Treatment COTC holder
- ✓ NEBOSH Health and Safety management
- ✓ CPC road transport managers
- ✓ BSc Chemistry qualified chemists
- ✓ Chartered Waste Manager
- ✓ ADR qualified drivers
- ✓ Operatives trained for chemical handling
- ✓ Experienced and helpful customer services team

In line with our Environmental ISO 14001 and Quality ISO 9001 procedures we excel at accepting mixed loads with recycling as a priority in line with the waste hierarchy. In addition to our Environment agency permit and waste carrier license we have certification to FORS (transport) and Safe Contractor schemes.

We aim to provide a high level of customer service, and our aim is to recycle rather than landfill seeking the best disposal route for your waste in this highly legislated industry.

Matrix of Skills, Competency and Authorisation															
Competency Key:															
Blank = Not qualified 1 = Operate only under supervision 2 = Qualified and authorised 3 = Trainer/Instructor															
Task / Operation / Process	Name														
	safety consultant	Compliance Manager	Accounts	Transport	Sales 1	Sales 2	Technical	General Manager	Sales	Sales Manager	Chemist	Technical Manager	Driver	Operative	Yard Manager
CoTC	2	2										2			
Hazard Waste Assessment	2	2			1	1	2				2	3			2
Consigning Hazardous waste	3	2		1	2	3	3	3				3			
Pollution inventory returns	3	2			1	1	3	1				1			
EA tonnage returns	3	2		2	2	1	3	3				1			
Customer returns		2		3	1	2	3	3				3			
Waste transfer notes	3	2		1	1	2	2	3	2			3			
Site inspections	3	2				1	1	2				3			2
Bulk tank integrity monitoring	3	1													2
Env risk assessment	3	2										3			
Operating procedure 1		2		2	2	2	3	3	1	3		3			
Operating procedure 2				2	2	3	3	3	1	2		3			
Operating procedure 3				1	2				1	1		3	2	2	2
Operating procedure 4		2		1	1				1	1		3	1	1	3
Operating procedure 5		2										3	1	1	2
Operating procedure 6	3	1										3	1	1	2
Operating procedure 7		1										3	1	1	2
Operating procedure 8									1			3	1	1	2
Operating procedure 9									1			3	2	2	3
Operating procedure 10	3	2		1	2	2	3	3				3	1	1	2
Operating procedure 11		2										3			
Operating procedure 12		1					3	3				3			2
Operating procedure 13		1										3	1	1	2
Operating procedure 14	2	2		2	2	2	3	3				3			
Operating procedure 15	3	2						3				3			2
Operating procedure 16	3	2										3			2
Operating procedure 17												3	1	1	3
Operating procedure 18	3											3	2	2	3
Operating procedure 19	3	2							1			3			
Operating procedure 20	3	2				2	2	3				3			
Operating procedure 21	3	2			2	3	3	3		1		3			
Operating procedure 22	3	2		1	2	2	2	3				3	2	2	3
Operating procedure 23		1		1	2	3	3	3				3			
Operating procedure 24		1			1				1	1		3	2	2	2
Operating procedure 25												3	2	2	3
Emergency action (Env)	3	1		1	1	1	1	2	1	1		3	2	2	3
Emergency action (Fire)	3	1		1	1	1	1	2	1	2		3	1	1	3
First Aid		2						1	2		2	1			1
FLT Licence		2			2							2	2	2	2
ADR														2	
GDPR Data Clearance	2			2	1	2	1	1	2	1	1	1	1	1	1
QEMS system audits	3	2													
Skills matrix review	3	2					2	3				3			
Guide to EA & auditors	3	2						3		2		3			2
Review as required by SQEMS feedback and at least every 12 months															
Training and/or action identified resulting from review (state if none):															
Keeron Pollonais is a new employee. Matrix will be updated as their training progresses.															
Reviewed & approved by: S Lynch, S Robinson, J Fisher & M Price															

Certificate of Registration

This is to certify that the Management System of:

Williams Environmental Management Limited

Unit 3, Charles Street Industrial Estate, Charles Street, Silvertown, London, E16 2BY

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 14001: 2015



Certificate Number:	7872-EMS-001
Initial Registration Date:	20/10/2009
Previous Expiry Date:	14/10/2021
Recertification Audit Date:	08/06/2021
Re-issue Date:	15/09/2021
Current Expiry Date:	14/10/2024

Scope of Registration:

Waste management services.

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)



This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR

Alcumus ISOQAR Limited, Cobra Court, 1 Blackmore Road, Stretford, Manchester M32 0QY.

T: 0161 865 3699 **E:** isoqarenquiries@alcumus.com **W:** alcumus.com/isoqar

This certificate is the property of Alcumus ISOQAR and must be returned on request.

Certificate of Registration

This is to certify that the Management System of:

Williams Environmental Management Limited

Unit 3, Charles Street Industrial Estate, Charles Street, Silvertown, London, E16 2BY

has been approved by Alcumus ISOQAR and is compliant with the requirements of:

ISO 9001: 2015



Certificate Number:	7872-QMS-001
Initial Registration Date:	19/01/2019
Previous Expiry Date:	19/01/2022
Recertification Audit Date:	08/06/2021
Re-issue Date:	15/09/2021
Current Expiry Date:	14/10/2024

Scope of Registration:

Waste management services.

Signed:
Alyn Franklin, Chief Executive Officer
(on behalf of Alcumus ISOQAR)



This certificate will remain current subject to the company maintaining its system to the required standard. This will be monitored regularly by Alcumus ISOQAR. Further clarification regarding the scope of this certificate and the applicability of the relevant standards' requirement may be obtained by consulting Alcumus ISOQAR

Alcumus ISOQAR Limited, Cobra Court, 1 Blackmore Road, Stretford, Manchester M32 0QY.

T: 0161 865 3699 **E:** isoqarenquiries@alcumus.com **W:** alcumus.com/isoqar

This certificate is the property of Alcumus ISOQAR and must be returned on request.

Certificate of Accreditation

This is to certify that

Williams Environmental Management Ltd

has achieved SafeContractor accreditation

Date: 26th July 2022

This certificate is valid until: 26th July 2023

Certificate number: ZM3646

Signed:

Alyn Franklin
Alcumus CEO





Schedule to SafeContractor certificate

This SafeContractor certificate is awarded for the following services:

Work Categories:

Ability to Subcontract: Ability to Subcontract

Waste Services: Toxic & Hazardous Waste, Waste Collection/Disposal Services

Industry Roles:

Non-Construction Contractor

Category Related Activities:

Selection & Control of Subcontractors, Traffic Management, Working with Chemicals and Hazardous substances

Full validation of this certificate should be made via the SSIP Portal www.ssiportal.org.uk

SafeContractor accreditation has been achieved following an assessment of the contractor's health & safety documentation, and compared against the **SafeContractor** Charter Standards, which set out the health & safety standards required to achieve accreditation.

For more information on the Charter Standards, the **SafeContractor** scheme or for confirmation of this contractor's accreditation please telephone **SafeContractor** on 029 2026 6749.

www.safecontractor.com
www.alcumus.com

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Alcumus SafeContractor and the Alcumus SafeContractor logo are trademarks belonging to Alcumus Holdings Limited
Company registration number: 07618138



APPENDIX 5

Full EWC Waste Code List

Hazardous Waste List

01 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

- **01 05 drilling muds and other drilling wastes**

- 01 05 05* oil-containing drilling muds and wastes
- 01 05 06* drilling muds and other drilling wastes containing dangerous substances

- **02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING**

- **02 01 wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**

- 02 01 08* agrochemical waste containing dangerous substances

- **03 WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD**

- **03 01 wastes from wood processing and the production of panels and furniture**

- 03 01 04* sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances

- **03 02 wastes from wood preservation**

- 03 02 01* non-halogenated organic wood preservatives
- 03 02 02* organochlorinated wood preservatives
- 03 02 03* organometallic wood preservatives
- 03 02 04* in organic wood preservatives
- 03 02 05* other wood preservatives containing dangerous substances

- **04 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES**

- **04 01 wastes from the leather and fur industry**

- 04 01 03* degreasing wastes containing solvents without a liquid phase

- **04 02 wastes from the textile industry**

- 04 02 14* wastes from finishing containing organic solvents
- 04 02 16* dyestuffs and pigments containing dangerous substances
- 04 02 19* sludges from on-site effluent treatment containing dangerous substances

- **05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL**

- **05 01 wastes from petroleum refining**

Hazardous Waste List

- 05 01 05* oil spills
- 05 01 06* oily sludges from maintenance operations of the plant or equipment
- 05 01 07* acid tars
- 05 01 08* other tars
- 05 01 11* wastes from cleaning of fuels with bases
- 05 01 12* oil containing acids
- 05 01 15* spent filter clays
- **05 07 wastes from natural gas purification and transportation**
 - 05 07 01* wastes containing mercury
- **06 WASTES FROM INORGANIC CHEMICAL PROCESSES**
 - **06 01 wastes from the manufacture, formulation, supply and use (MFSU) of acids**
 - 06 01 01* sulphuric acid and sulphurous acid
 - 06 01 02* hydrochloric acid
 - 06 01 03* hydrofluoric acid
 - 06 01 04* phosphoric and phosphorous acid
 - 06 01 05* nitric acid and nitrous acid
 - 06 01 06* other acids
 - **06 02 wastes from the MFSU of bases**
 - 06 02 01* calcium hydroxide
 - 06 02 03* ammonium hydroxide
 - 06 02 04* sodium and potassium hydroxide
 - 06 02 05* other bases
 - **06 03 wastes from the MFSU of salts and their solutions and metallic oxides**
 - 06 03 11* solid salts and solutions containing cyanides
 - 06 03 13* solid salts and solutions containing heavy metals
 - 06 03 15* metallic oxides containing heavy metals
 - **06 04 metal-containing wastes other than those mentioned in 06 03**
 - 06 04 03* wastes containing arsenic
 - 06 04 04* wastes containing mercury

Hazardous Waste List

- 06 04 05* wastes containing other heavy metals
- **06 10 wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture**
 - 06 10 02* wastes containing dangerous substances
- **06 13 wastes from inorganic chemical processes not otherwise specified**
 - 06 13 01* inorganic plant protection products, wood-preserving agents and other biocides.
 - 06 13 02* spent activated carbon (except 06 07 02)
- **07 WASTES FROM ORGANIC CHEMICAL PROCESSES**
 - **07 01 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
 - 07 01 01* aqueous washing liquids and mother liquors
 - 07 01 03* organic halogenated solvents, washing liquids and mother liquors
 - 07 01 04* other organic solvents, washing liquids and mother liquors
 - 07 01 07* halogenated still bottoms and reaction residues
 - 07 01 08* other still bottoms and reaction residues
 - 07 01 09* halogenated filter cakes and spent absorbents
 - 07 01 10* other filter cakes and spent absorbents
 - **07 02 wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
 - 07 02 03* organic halogenated solvents, washing liquids and mother liquors
 - 07 02 04* other organic solvents, washing liquids and mother liquors
 - 07 02 07* halogenated still bottoms and reaction residues
 - 07 02 08* other still bottoms and reaction residues
 - 07 02 09* halogenated filter cakes and spent absorbents
 - 07 02 10* other filter cakes and spent absorbents
 - 07 02 11* sludges from on-site effluent treatment containing dangerous substances
 - 07 02 14* wastes from additives containing dangerous substances
 - 07 02 16* waste containing dangerous silicones
 - **07 03 wastes from the MFSU of organic dyes and pigments (except 06 11)**
 - 07 03 01* aqueous washing liquids and mother liquors

Hazardous Waste List

- 07 03 03* organic halogenated solvents, washing liquids and mother liquors
- 07 03 04* other organic solvents, washing liquids and mother liquors
- 07 03 07* halogenated still bottoms and reaction residues
- 07 03 08* other still bottoms and reaction residues
- **07 04 wastes from the MFSU of organic plant protection products (except 02 0108 and 02 01 09), wood preserving agents (except 03 02) and other biocides**
 - 07 04 01* aqueous washing liquids and mother liquors
 - 07 04 03* organic halogenated solvents, washing liquids and mother liquors
 - 07 04 04* other organic solvents, washing liquids and mother liquors
 - 07 04 07* halogenated still bottoms and reaction residues
 - 07 04 08* other still bottoms and reaction residues
- **07 05 wastes from the MFSU of pharmaceuticals**
 - 07 05 01* aqueous washing liquids and mother liquors
 - 07 05 03* organic halogenated solvents, washing liquids and mother liquors
 - 07 05 04* other organic solvents, washing liquids and mother liquors
 - 07 05 07* halogenated still bottoms and reaction residues
 - 07 05 08* other still bottoms and reaction residues
 - 07 05 11* sludges from on-site effluent treatment containing dangerous substances
 - 07 05 13* solid wastes containing dangerous substances
- **07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics**
 - 07 06 01* aqueous washing liquids and mother liquors
 - 07 06 03* organic halogenated solvents, washing liquids and mother liquors
 - 07 06 04* other organic solvents, washing liquids and mother liquors
 - 07 06 07* halogenated still bottoms and reaction residues
 - 07 06 08* other still bottoms and reaction residues
- **07 07 wastes from the MFSU of fine chemicals and chemical products not otherwise specified**
 - 07 07 01* aqueous washing liquids and mother liquors
 - 07 07 03* organic halogenated solvents, washing liquids and mother liquors

Hazardous Waste List

- 07 07 04* other organic solvents, washing liquids and mother liquors
- 07 07 07* halogenated still bottoms and reaction residues
- 07 07 08* other still bottoms and reaction residues
- **08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS**
 - **08 01 wastes from MFSU and removal of paint and varnish**
 - 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances
 - 08 01 13* sludges from paint or varnish containing organic solvents or other dangerous substances
 - 08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
 - 08 01 17* M Wastes from paint or varnish removal containing organic solvents or other dangerous substances
 - 08 01 19* M Aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
 - 08 01 21* A Waste paint or varnish remover
 - **08 03 wastes from MFSU of printing inks**
 - 08 03 12* waste ink containing dangerous substances
 - 08 03 14* ink sludges containing dangerous substances
 - 08 03 16* waste etching solutions
 - 08 03 17* waste printing toner containing dangerous substances
 - 08 03 19* disperse oil
 - **08 04 wastes from MFSU of adhesives and sealants (including waterproofing products)**
 - 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
 - 08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances
 - 08 04 13* aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances

Hazardous Waste List

- 08 04 15* aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 17* rosin oil
- **08 05 wastes not otherwise specified in 08**
 - 08 05 01* waste isocyanates
- **09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY**
 - **09 01 wastes from the photographic industry**
 - 09 01 01* water-based developer and activator solutions
 - 09 01 02* water-based offset plate developer solutions
 - 09 01 03* solvent-based developer solutions
 - 09 01 04* fixer solutions
 - 09 01 05* bleach solutions and bleach fixer solutions
 - 09 01 06* wastes containing silver from on-site treatment of photographic wastes
 - 09 01 11* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
 - 09 01 13* aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
- **10 WASTES FROM THERMAL PROCESSES**
 - **10 01 wastes from power stations and other combustion plants (except 19)**
 - 10 01 04* oil fly ash and boiler dust
 - 10 01 09* sulphuric acid
 - 10 01 13* fly ash from emulsified hydrocarbons used as fuel
 - 10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances
 - 10 01 16* fly ash from co-incineration containing dangerous substances
 - 10 01 18* wastes from gas cleaning containing dangerous substances
 - **10 02 wastes from the iron and steel industry**
 - 10 02 07* solid wastes from gas treatment containing dangerous substances
 - 10 02 11* wastes from cooling-water treatment containing oil
 - **10 03 wastes from aluminium thermal metallurgy**

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- 10 03 23* solid wastes from gas treatment containing dangerous substances
- **10 04 wastes from lead thermal metallurgy**
 - 10 04 02* dross and skimmings from primary and secondary production
 - 10 04 06* solid wastes from gas treatment
 - 10 04 09* wastes from cooling-water treatment containing oil
- **10 05 wastes from zinc thermal metallurgy**
 - 10 05 05* solid waste from gas treatment
- **10 06 wastes from copper thermal metallurgy**
 - 10 06 06* solid wastes from gas treatment
- **10 08 wastes from other non-ferrous thermal metallurgy**
 - 10 08 08* salt slag from primary and secondary production
- **10 11 wastes from manufacture of glass and glass products**
 - 10 11 11* waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
- **10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products**
 - 10 12 09* solid wastes from gas treatment containing dangerous substances
 - 10 12 11* wastes from glazing containing heavy metals
- **10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them**
 - 10 13 09* wastes from asbestos-cement manufacture containing asbestos
 - 10 13 12* solid wastes from gas treatment containing dangerous substances
- **11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDROMETALLURGY**
 - **11 01 wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
 - 11 01 05* pickling acids
 - 11 01 06* acids not otherwise specified
 - 11 01 07* pickling bases
 - 11 01 08* phosphatising sludges

Hazardous Waste List

- 11 01 09* sludges and filter cakes containing dangerous substances
- 11 01 11* aqueous rinsing liquids containing dangerous substances
- 11 01 13* degreasing wastes containing dangerous substances
- 11 01 16* saturated or spent ion exchange resins
- 11 01 98* other wastes containing dangerous substances
- **11 02 wastes from non-ferrous hydrometallurgical processes**
 - 11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)
 - 11 02 05* wastes from copper hydrometallurgical processes containing dangerous substances
 - 11 02 07* other wastes containing dangerous substances
- **11 03 sludges and solids from tempering processes**
 - 11 03 01* wastes containing cyanide
 - 11 03 02* other wastes
- **11 05 wastes from hot galvanising processes**
 - 11 05 03* solid wastes from gas treatment
 - 11 05 04* spent flux
- **12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS**
 - **12 01 wastes from shaping and physical and mechanical surface treatment of metals and plastics**
 - 12 01 06* mineral-based machining oils containing halogens (except emulsions and solutions)
 - 12 01 07* mineral-based machining oils free of halogens (except emulsions and solutions)
 - 12 01 08* machining emulsions and solutions containing halogens
 - 12 01 09* machining emulsions and solutions free of halogens
 - 12 01 10* synthetic machining oils
 - 12 01 12* spent waxes and fats
 - 12 01 13 welding wastes
 - 12 01 14* machining sludges containing dangerous substances

Hazardous Waste List

- 12 01 16* waste blasting material containing dangerous substances
- 12 01 18* metal sludge (grinding, honing and lapping sludge) containing oil
- 12 01 19* readily biodegradable machining oil
- 12 01 20* spent grinding bodies and grinding materials containing dangerous substances
- **12 03 wastes from water and steam degreasing processes (except 11)**
 - 12 03 01* aqueous washing liquids
 - 12 03 02* steam degreasing wastes
- **13 OIL WASTES AND WASTES OF LIQUID FUELS**
 - **13 01 waste hydraulic oils**
 - 13 01 01* hydraulic oils, containing PCBs⁽¹⁾

(1) For the purpose of this list of wastes, PCBs will be defined as in Directive 96/59/EC.
 - 13 01 04* chlorinated emulsions
 - 13 01 05* non-chlorinated emulsions
 - 13 01 09* mineral-based chlorinated hydraulic oils
 - 13 01 10* mineral based non-chlorinated hydraulic oils
 - 13 01 11* synthetic hydraulic oils
 - 13 01 12* readily biodegradable hydraulic oils
 - 13 01 13* other hydraulic oils
 - **13 02 waste engine, gear and lubricating oils**
 - 13 02 04* mineral-based chlorinated engine, gear and lubricating oils
 - 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils
 - 13 02 06* synthetic engine, gear and lubricating oils
 - 13 02 07* readily biodegradable engine, gear and lubricating oils
 - 13 02 08* other engine, gear and lubricating oils
 - **13 03 waste insulating and heat transmission oils**
 - 13 03 01* insulating or heat transmission oils containing PCBs
 - 13 03 06* mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01

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- 13 03 07* mineral-based non-chlorinated insulating and heat transmission oils
- 13 03 08* synthetic insulating and heat transmission oils
- 13 03 09* readily biodegradable insulating and heat transmission oils
- 13 03 10* other insulating and heat transmission oils
- **13 04 bilge oils**
 - 13 04 01* bilge oils from inland navigation
 - 13 04 02* bilge oils from jetty sewers
 - 13 04 03* bilge oils from other navigation
- **13 05 oil/water separator contents**
 - 13 05 01* solids from grit chambers and oil/water separators
 - 13 05 02* sludges from oil/water separators
 - 13 05 03* interceptor sludges
 - 13 05 06* oil from oil/water separators
 - 13 05 07* oily water from oil/water separators
 - 13 05 08* mixtures of wastes from grit chambers and oil/water separators
- **13 07 wastes of liquid fuels**
 - 13 07 01* fuel oil and diesel
 - 13 07 02* petrol
 - 13 07 03* other fuels (including mixtures)
- **13 08 oil wastes not otherwise specified**
 - 13 08 01* desalter sludges or emulsions
 - 13 08 02* other emulsions
 - 13 08 99* wastes not otherwise specified
- **14 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS**
 - **14 06 waste organic solvents, refrigerants and foam/aerosol propellants**
 - 14 06 01* chlorofluorocarbons, HCFC, HFC
 - 14 06 02* other halogenated solvents and solvent mixtures
 - 14 06 03* other solvents and solvent mixtures
 - 14 06 04* sludges or solid wastes containing halogenated solvents

Hazardous Waste List

- 14 06 05* sludges or solid wastes containing other solvents
- **15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**
 - **15 01 packaging (including separately collected municipal packaging waste)**
 - 15 01 10* packaging containing residues of or contaminated by dangerous substances
 - 15 01 11* metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
 - **15 02 absorbents, filter materials, wiping cloths and protective clothing**
 - 15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
- **16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
 - **16 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14,6 06 and 16 08)**
 - 16 01 04* end-of-life vehicles
 - 16 01 07* oil filters
 - 16 01 08* components containing mercury
 - 16 01 09* components containing PCBs
 - 16 01 11* brake pads containing asbestos
 - 16 01 13* brake fluids
 - 16 01 14* antifreeze fluids containing dangerous substances
 - 16 01 21* hazardous components other than those mentioned in 16 01 07 to 16 01 11 and
 - **16 02 wastes from electrical and electronic equipment**
 - 16 02 09* transformers and capacitors containing PCBs
 - 16 02 10* discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
 - 16 02 11* discarded equipment containing chlorofluorocarbons, HCFC, HFC
 - 16 02 12* discarded equipment containing free asbestos
 - 16 02 13* discarded equipment containing hazardous components⁽²⁾ other than those mentioned in 16 02 09 to 16 02 12

Hazardous Waste List

⁽²⁾ Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.

- 16 02 15* hazardous components removed from discarded equipment
- **16 03 off-specification batches and unused products**
 - 16 03 03* inorganic wastes containing dangerous substances
 - 16 03 05* organic wastes containing dangerous substances
 - 16 03 07* Metallic Mercury
- **16 04 waste explosives**
 - 16 04 02* fireworks wastes
- **16 05 gases in pressure containers and discarded chemicals**
 - 16 05 04* gases in pressure containers (including halons) containing dangerous substances
 - 16 05 06* laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
 - 16 05 07* discarded inorganic chemicals consisting of or containing dangerous substances
 - 16 05 08* discarded organic chemicals consisting of or containing dangerous substances
- **16 06 batteries and accumulators**
 - 16 06 01* lead batteries
 - 16 06 02* Ni-Cd batteries
 - 16 06 03* mercury-containing batteries
 - 16 06 06* separately collected electrolyte from batteries and accumulators
- **16 07 wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)**
 - 16 07 08* wastes containing oil
 - 16 07 09* wastes containing other dangerous substances
- **16 08 spent catalysts**
 - 16 08 02* spent catalysts containing dangerous transition metals⁽³⁾ or dangerous transition metal compounds

Hazardous Waste List

⁽³⁾ For the purpose of this entry, transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum. These metals or their compounds are dangerous if they are classified as dangerous substances. The classification of dangerous substances shall determine which among those transition metals and which transition metal compounds are hazardous.

- 16 08 05* spent catalysts containing phosphoric acid
- 16 08 06* spent liquids used as catalysts
- 16 08 07* spent catalysts contaminated with dangerous substances
- **16 09 oxidising substances**
 - 16 09 01* permanganates, for example potassium permanganate
 - 16 09 02* chromates, for example potassium chromate, potassium or sodium dichromate
 - 16 09 03* peroxides, for example hydrogen peroxide
 - 16 09 04* oxidising substances, not otherwise specified
- **16 10 aqueous liquid wastes destined for off-site treatment**
 - 16 10 01* aqueous liquid wastes containing dangerous substances
 - 16 10 03* aqueous concentrates containing dangerous substances
- **16 11 waste linings and refractories**
 - 16 11 01* carbon-based linings and refractories from metallurgical processes containing dangerous substances
 - 16 11 03* other linings and refractories from metallurgical processes containing dangerous substances
 - 16 11 05* linings and refractories from non-metallurgical processes containing dangerous substances
- **17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)**
 - **17 01 concrete, bricks, tiles and ceramics**
 - 17 01 06* mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
 - **17 02 wood, glass and plastic**

Hazardous Waste List

- 17 02 04* glass, plastic and wood containing or contaminated with dangerous substances
- **17 03 bituminous mixtures, coal tar and tarred products**
 - 17 03 01* bituminous mixtures containing coal tar
 - 17 03 02 bituminous mixtures other than those mentioned in 17 03 01
 - 17 03 03* coal tar and tarred products
- **17 04 metals (including their alloys)**
 - 17 04 09* metal waste contaminated with dangerous substances
 - 17 04 10* cables containing oil, coal tar and other dangerous substances
- **17 05 soil (including excavated soil from contaminated sites), stones and dredging spoil**
 - 17 05 03* soil and stones containing dangerous substances
 - 17 05 05* dredging spoil containing dangerous substances
 - 17 05 07* track ballast containing dangerous substances
- **17 06 insulation materials and asbestos-containing construction materials**
 - 17 06 01* insulation materials containing asbestos
 - 17 06 03* other insulation materials consisting of or containing dangerous substances
 - 17 06 05* construction materials containing asbestos ⁽⁷⁾

⁽⁷⁾ As far as the landfilling of waste is concerned, Member States may decide to postpone the entry into force of this entry until the establishment of appropriate measures for the treatment and disposal of waste from construction material containing asbestos. These measures are to be established according to the procedure referred to in Article 17 of Council Directive 1999/31/EC on the landfill of waste (OJ L 182, 16.7.1999, p. 1) and shall be adopted by 16 July 2002 at the latest.”
- **17 08 gypsum-based construction material**
 - 17 08 01* gypsum-based construction materials contaminated with dangerous substances
- **17 09 other construction and demolition wastes**
 - 17 09 01* construction and demolition wastes containing mercury
 - 17 09 02* construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)

Hazardous Waste List

- 17 09 03* other construction and demolition wastes (including mixed wastes) containing dangerous substances
- **18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)**
 - **18 01 wastes from natal care, diagnosis, treatment or prevention of disease in humans**
 - 18 01 06* chemicals consisting of or containing dangerous substances
 - 18 01 08* cytotoxic and cytostatic medicines
 - 18 01 10* amalgam waste from dental care
 - **18 02 wastes from research, diagnosis, treatment or prevention of disease involving animals**
 - 18 02 05* chemicals consisting of or containing dangerous substances
 - 18 02 07* cytotoxic and cytostatic medicines
- **19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
 - **19 01 wastes from incineration or pyrolysis of waste**
 - 19 01 05* filter cake from gas treatment
 - 19 01 06* aqueous liquid wastes from gas treatment and other aqueous liquid wastes
 - 19 01 07* solid wastes from gas treatment
 - 19 01 10* spent activated carbon from flue-gas treatment
 - 19 01 11* bottom ash and slag containing dangerous substances
 - 19 01 13* fly ash containing dangerous substances
 - **19 02 wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
 - 19 02 04* premixed wastes composed of at least one hazardous waste
 - 19 02 05* sludges from physico/chemical treatment containing dangerous substances
 - 19 02 07* oil and concentrates from separation
 - 19 02 08* liquid combustible wastes containing dangerous substances
 - 19 02 09* solid combustible wastes containing dangerous substances
 - 19 02 11* other wastes containing dangerous substances

Hazardous Waste List

- **19 03 stabilised/solidified wastes** ⁽⁴⁾

⁽⁴⁾ Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

- 19 03 06* wastes marked as hazardous, solidified

- **19 04 vitrified waste and wastes from vitrification**

- 19 04 02* fly ash and other flue-gas treatment wastes
- 19 04 03* non-vitrified solid phase

- **19 08 wastes from waste water treatment plants not otherwise specified**

- 19 08 06* saturated or spent ion exchange resins
- 19 08 10* grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
- 19 08 13* sludges containing dangerous substances from other treatment of industrial waste water

- **19 10 wastes from shredding of metal-containing wastes**

- 19 10 03* fluff-light fraction and dust containing dangerous substances
- 19 10 04 fluff-light fraction and dust other than those mentioned in 19 10 03
- 19 10 05* other fractions containing dangerous substances

- **19 11 wastes from oil regeneration**

- 19 11 01* spent filter clays
- 19 11 02* acid tars
- 19 11 03* aqueous liquid wastes
- 19 11 04* wastes from cleaning of fuel with bases
- 19 11 05* sludges from on-site effluent treatment containing dangerous substances
- 19 11 07* wastes from flue-gas cleaning

- **19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**

- 19 12 06* wood containing dangerous substances
- 19 12 11* other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances

Hazardous Waste List

- **19 13 wastes from soil and groundwater remediation**
 - 19 13 01* solid wastes from soil remediation containing dangerous substances
 - 19 13 03* sludges from soil remediation containing dangerous substances
 - 19 13 05* sludges from groundwater remediation containing dangerous substances
 - 19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
- **20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS**
 - **20 01 separately collected fractions (except 15 01)**
 - 20 01 13* solvents
 - 20 01 14* acids
 - 20 01 15* alkalines
 - 20 01 17* photochemicals
 - 20 01 19* pesticides
 - 20 01 21* fluorescent tubes and other mercury-containing waste
 - 20 01 23* discarded equipment containing chlorofluorocarbons
 - 20 01 26* oil and fat other than those mentioned in 20 01 25
 - 20 01 27* paint, inks, adhesives and resins containing dangerous substances
 - 20 01 29* detergents containing dangerous substances
 - 20 01 31* cytotoxic and cytostatic medicines
 - 20 01 33* batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
 - 20 01 35* discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components⁽⁶⁾

⁽⁶⁾ Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass etc.
 - 20 01 37* wood containing dangerous substances

Non-Hazardous Waste List

- **01 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS**
 - **01 05 drilling muds and other drilling wastes**
 - 01 05 04 freshwater drilling muds and wastes
 - 01 05 07 barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
 - 01 05 08 chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
 - 01 05 99 wastes not otherwise specified
- **02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING**
 - **02 01 wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing**
 - 02 01 06 animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
 - 02 01 07 wastes from forestry
 - 02 01 09 agrochemical waste other than those mentioned in 02 01 08
 - **02 03 wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation**
 - 02 03 01 sludges from washing, cleaning, peeling, centrifuging and separation
 - 02 03 02 wastes from preserving agents
 - 02 03 03 wastes from solvent extraction
 - 02 03 04 materials unsuitable for consumption or processing
 - **02 05 wastes from the dairy products industry**
 - 02 05 01 materials unsuitable for consumption or processing
 - **02 07 wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)**
 - 02 07 01 wastes from washing, cleaning and mechanical reduction of raw materials
 - 02 07 02 wastes from spirits distillation
 - 02 07 03 wastes from chemical treatment
 - 02 07 04 materials unsuitable for consumption or processing

Non-Hazardous Waste List

- 02 07 99 wastes not otherwise specified
- **03 WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD**
 - **03 01 wastes from wood processing and the production of panels and furniture**
 - 03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
 - **03 03 wastes from pulp, paper and cardboard production and processing**
 - 03 03 08 wastes from sorting of paper and cardboard destined for recycling
- **04 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES**
 - **04 02 wastes from the textile industry**
 - 04 02 09 wastes from composite materials (impregnated textile, elastomer, plastomer)
 - 04 02 10 organic matter from natural products (for example grease, wax)
 - 04 02 15 wastes from finishing other than those mentioned in 04 02 14
 - 04 02 21 wastes from unprocessed textile fibres
 - 04 02 22 wastes from processed textile fibres
- **05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL**
 - **05 01 wastes from petroleum refining**
 - 05 01 10 sludges from on-site effluent treatment other than those mentioned in 05 01 09
 - 05 01 13 boiler feedwater sludges
 - 05 01 14 wastes from cooling columns
 - 05 01 16 sulphur-containing wastes from petroleum desulphurisation
 - 05 01 17 bitumen
 - **05 07 wastes from natural gas purification and transportation**
 - 05 07 02 wastes containing sulphur
- **06 WASTES FROM INORGANIC CHEMICAL PROCESSES**
 - **06 03 wastes from the MFSU of salts and their solutions and metallic oxides**
 - 06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
 - 06 03 16 metallic oxides other than those mentioned in 06 03 15

Non-Hazardous Waste List

- **06 13 wastes from inorganic chemical processes not otherwise specified**
 - 06 13 03 carbon black
- **07 WASTES FROM ORGANIC CHEMICAL PROCESSES**
 - **07 01 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals**
 - 07 01 12 sludges from on-site effluent treatment other than those mentioned in 07 01 11
 - **07 02 wastes from the MFSU of plastics, synthetic rubber and man-made fibres**
 - 07 02 12 sludges from on-site effluent treatment other than those mentioned in 07 02 11
 - 07 02 13 waste plastic
 - 07 02 15 wastes from additives other than those mentioned in 07 02 14
 - 07 02 17 waste containing silicones other than those mentioned in 07 02 16
 - **07 05 wastes from the MFSU of pharmaceuticals**
 - 07 05 14 solid wastes other than those mentioned in 07 05 13
- **08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS**
 - **08 01 wastes from MFSU and removal of paint and varnish**
 - 08 01 12 waste paint and varnish other than those mentioned in 08 01 11
 - 08 01 14 sludges from paint or varnish other than those mentioned in 08 01 13
 - 08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
 - 08 01 18 Wastes from paint or varnish removal other than those mentioned in 08 01 17
 - 08 01 20 Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
 - **08 02 wastes from MFSU of other coatings (including ceramic materials)**
 - 08 02 01 waste coating powders
 - 08 02 02 aqueous sludges containing ceramic materials
 - 08 02 03 aqueous suspensions containing ceramic materials
 - **08 03 wastes from MFSU of printing inks**

Non-Hazardous Waste List

- 08 03 07 aqueous sludges containing ink
- 08 03 08 aqueous liquid waste containing ink
- 08 03 13 waste ink other than those mentioned in 08 03 12
- 08 03 15 ink sludges other than those mentioned in 08 03 14
- 08 03 18 waste printing toner other than those mentioned in 08 03 17
- **08 04 wastes from MFSU of adhesives and sealants (including waterproofing products)**
 - 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
 - 08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11
 - 08 04 14 aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
 - 08 04 16 aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
- **09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY**
 - **09 01 wastes from the photographic industry**
 - 09 01 07 photographic film and paper containing silver or silver compounds
 - 09 01 08 photographic film and paper free of silver or silver compounds
 - 09 01 10 single-use cameras without batteries
 - 09 01 12 single-use cameras containing batteries other than those mentioned in 09 01 11
- **10 WASTES FROM THERMAL PROCESSES**
 - **10 01 wastes from power stations and other combustion plants (except 19)**
 - 10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
 - 10 01 02 coal fly ash
 - 10 01 03 fly ash from peat and untreated wood
 - 10 01 05 calcium-based reaction wastes from flue-gas desulphurisation in solid form
 - 10 01 07 calcium-based reaction wastes from flue-gas desulphurisation in sludge form
 -
 - 10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
 - 10 01 24 sands from fluidised beds

Non-Hazardous Waste List

- 10 01 25 wastes from fuel storage and preparation of coal-fired power plants
- 10 01 26 wastes from cooling-water treatment
- **10 02 wastes from the iron and steel industry**
 - 10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07
 - 10 02 12 wastes from cooling-water treatment other than those mentioned in 10 02 11
 - 10 02 15 other sludges and filter cakes
- **10 03 wastes from aluminium thermal metallurgy**
 - 10 03 02 anode scraps
 - 10 03 05 waste alumina
 - 10 03 24 solid wastes from gas treatment other than those mentioned in 10 03 23
- **10 05 wastes from zinc thermal metallurgy**
 - 10 05 04 other particulates and dust
- **10 06 wastes from copper thermal metallurgy**
 - 10 06 04 other particulates and dust
- **10 07 wastes from silver, gold and platinum thermal metallurgy**
 - 10 07 03 solid wastes from gas treatment
- **10 08 wastes from other non-ferrous thermal metallurgy**
 - 10 08 04 particulates and dust
 - 10 08 09 other slags
 - 10 08 13 carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
 - 10 08 14 anode scrap
- **10 09 wastes from casting of ferrous pieces**
 - 10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
- **10 11 wastes from manufacture of glass and glass products**
 - 10 11 12 waste glass other than those mentioned in 10 11 11
- **10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products**
 - 10 12 10 solid wastes from gas treatment other than those mentioned in 10 12 09

Non-Hazardous Waste List

- 10 12 12 wastes from glazing other than those mentioned in 10 12 11
- **10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them**
 - 10 13 10 wastes from asbestos-cement manufacture other than those mentioned in 1309
 - 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
 - 10 13 13 solid wastes from gas treatment other than those mentioned in 10 13 12
 - 10 13 14 waste concrete and concrete sludge
- **11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDROMETALLURGY**
 - **11 01 wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
 - 11 01 10 sludges and filter cakes other than those mentioned in 11 01 09
 - 11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11
 - **11 02 wastes from non-ferrous hydrometallurgical processes**
 - 11 02 03 wastes from the production of anodes for aqueous electrolytical processes
 - 11 02 06 wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
 - **11 05 wastes from hot galvanising processes**
 - 11 05 01 hard zinc
 - 11 05 02 zinc ash
- **12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS**
 - **12 01 wastes from shaping and physical and mechanical surface treatment of metals and plastics**
 - 12 01 01 ferrous metal filings and turnings
 - 12 01 02 ferrous metal dust and particles
 - 12 01 03 non-ferrous metal filings and turnings
 - 12 01 04 non-ferrous metal dust and particles

Non-Hazardous Waste List

- 12 01 05 plastics shavings and turnings
- 12 01 13 welding wastes
- 12 01 15 machining sludges other than those mentioned in 12 01 14
- 12 01 17 waste blasting material other than those mentioned in 12 01 16
- 12 01 21 spent grinding bodies and grinding materials other than those mentioned in 12 01 20
- **13 OIL WASTES AND WASTES OF LIQUID FUELS**
- **14 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS**
- **15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**
 - **15 01 packaging (including separately collected municipal packaging waste)**
 - 15 01 01 paper and cardboard packaging
 - 15 01 02 plastic packaging
 - 15 01 03 wooden packaging
 - 15 01 04 metallic packaging
 - 15 01 05 composite packaging
 - 15 01 06 mixed packaging
 - 15 01 07 glass packaging
 - 15 01 09 textile packaging
 - **15 02 absorbents, filter materials, wiping cloths and protective clothing**
 - 15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
- **16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST**
 - **16 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 6 06 and 16 08)**
 - 16 01 03 end-of-life tyres
 - 16 01 06 end-of-life vehicles, containing neither liquids nor other hazardous components
 - 16 01 15 antifreeze fluids other than those mentioned in 16 01 14

Non-Hazardous Waste List

- 16 01 16 tanks for liquefied gas
- 16 01 17 ferrous metal
- 16 01 18 non-ferrous metal
- 16 01 19 plastic
- 16 01 20 glass
- 16 01 22 components not otherwise specified
- **16 02 wastes from electrical and electronic equipment**
 - 16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13
 - 16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15
- **16 03 off-specification batches and unused products**
 - 16 03 04 inorganic wastes other than those mentioned in 16 03 03
 - 16 03 06 organic wastes other than those mentioned in 16 03 05
- **16 05 gases in pressure containers and discarded chemicals**
 - 16 05 05 gases in pressure containers other than those mentioned in 16 05 04
 - 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
- **16 06 batteries and accumulators**
 - 16 06 04 alkaline batteries (except 16 06 03)
 - 16 06 05 other batteries and accumulators
 - 16 06 06* separately collected electrolyte from batteries and accumulators
- **16 08 spent catalysts**
 - 16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
 - 16 08 03 spent catalysts containing transition metals or transition metal compounds not otherwise specified
 - 16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)
- **16 10 aqueous liquid wastes destined for off-site treatment**
 - 16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01
 - 16 10 04 aqueous concentrates other than those mentioned in 16 10 03

Non-Hazardous Waste List

- **16 11 waste linings and refractories**
 - 16 11 02 carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
 - 16 11 04 other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
 - 16 11 06 linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05
- **17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)**
 - **17 01 concrete, bricks, tiles and ceramics**
 - 17 01 01 concrete
 - 17 01 02 bricks
 - 17 01 03 tiles and ceramics
 - 17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
 - **17 02 wood, glass and plastic**
 - 17 02 01 wood
 - 17 02 02 glass
 - 17 02 03 plastic
 - **17 03 bituminous mixtures, coal tar and tarred products**
 - 17 03 02 bituminous mixtures other than those mentioned in 17 03 01
 - **17 04 metals (including their alloys)**
 - 17 04 01 copper, bronze, brass
 - 17 04 02 aluminium
 - 17 04 03 lead
 - 17 04 04 zinc
 - 17 04 05 iron and steel
 - 17 04 06 tin
 - 17 04 07 mixed metals
 - 17 04 11 cables other than those mentioned in 17 04 10

Non-Hazardous Waste List

- **17 05 soil (including excavated soil from contaminated sites), stones and dredging spoil**
 - 17 05 04 soil and stones other than those mentioned in 17 05 03
 - 17 05 06 dredging spoil other than those mentioned in 17 05 05
 - 17 05 08 track ballast other than those mentioned in 17 05 07
- **17 06 insulation materials and asbestos-containing construction materials**
 - 17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03
- **17 08 gypsum-based construction material**
 - 17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01
- **17 09 other construction and demolition wastes**
 - 17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
- **18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)**
 - **18 01 wastes from natal care, diagnosis, treatment or prevention of disease in humans**
 - 18 01 01 sharps (except 18 01 03)
 - 18 01 04 wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
 - 18 01 07 chemicals other than those mentioned in 18 01 06
 - 18 01 09 medicines other than those mentioned in 18 01 08
 - **18 02 wastes from research, diagnosis, treatment or prevention of disease involving animals**
 - 18 02 01 sharps (except 18 02 02)
 - 18 02 03 wastes whose collection and disposal is not subject to special requirements in order to prevent infection
 - 18 02 06 chemicals other than those mentioned in 18 02 05
- **19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE**
 - **19 01 wastes from incineration or pyrolysis of waste**
 - 19 01 02 ferrous materials removed from bottom ash

Non-Hazardous Waste List

- 19 01 12 bottom ash and slag other than those mentioned in 19 01 11
- 19 01 14 fly ash other than those mentioned in 19 01 13
- **19 02 wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)**
 - 19 02 03 premixed wastes composed only of non-hazardous wastes
 - 19 02 06 sludges from physico/chemical treatment other than those mentioned in 19 02 05
 - 19 02 10 combustible wastes other than those mentioned in 19 02 08 and 19 02 09
- **19 03 stabilised/solidified wastes** ⁽⁴⁾

⁽⁴⁾ Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

 - 19 03 07 solidified wastes other than those mentioned in 19 03 06
- **19 04 vitrified waste and wastes from vitrification**
 - 19 04 01 vitrified waste
- **19 08 wastes from waste water treatment plants not otherwise specified**
 - 19 08 01 screenings
 - 19 08 02 waste from desanding
 - 19 08 09 grease and oil mixture from oil/water separation containing only edible oil and fats
- **19 09 wastes from the preparation of water intended for human consumption or water for industrial use**
 - 19 09 01 solid waste from primary filtration and screenings
 - 19 09 02 sludges from water clarification
 - 19 09 03 sludges from decarbonation
 - 19 09 04 spent activated carbon
 - 19 09 05 saturated or spent ion exchange resins
 - 19 09 06 solutions and sludges from regeneration of ion exchangers
- **19 10 wastes from shredding of metal-containing wastes**
 - 19 10 01 iron and steel waste

Non-Hazardous Waste List

- 19 10 02 non-ferrous waste
- 19 10 06 other fractions other than those mentioned in 19 10 05
- **19 11 wastes from oil regeneration**
 - 19 11 06 sludges from on-site effluent treatment other than those mentioned in 19 11 05
- **19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified**
 - 19 12 01 paper and cardboard
 - 19 12 02 ferrous metal
 - 19 12 03 non-ferrous metal
 - 19 12 04 plastic and rubber
 - 19 12 05 glass
 - 19 12 07 wood other than that mentioned in 19 12 06
 - 19 12 08 textiles
 - 19 12 09 minerals (for example sand, stones)
 - 19 12 10 combustible waste (refuse derived fuel)
 - 19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
- **19 13 wastes from soil and groundwater remediation**
 - 19 13 02 solid wastes from soil remediation other than those mentioned in 19 13 01
 - 19 13 04 sludges from soil remediation other than those mentioned in 19 13 03
 - 19 13 06 sludges from groundwater remediation other than those mentioned in 19 13 05
 - 19 13 08 aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07
- **20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS**
 - **20 01 separately collected fractions (except 15 01)**
 - 20 01 01 paper and cardboard
 - 20 01 02 glass

Non-Hazardous Waste List

- 20 01 08 biodegradable kitchen and canteen waste
- 20 01 10 clothes
- 20 01 11 textiles
- 20 01 25 edible oil and fat
- 20 01 28 paint, inks, adhesives and resins other than those mentioned in 20 01 27
- 20 01 30 detergents other than those mentioned in 20 01 29
- 20 01 32 medicines other than those mentioned in 20 01 31
- 20 01 34 batteries and accumulators other than those mentioned in 20 01 33
- 20 01 36 discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
- 20 01 38 wood other than that mentioned in 20 01 37
- 20 01 39 plastics
- 20 01 40 metals
- **20 02 garden and park wastes (including cemetery waste)**
 - 20 02 01 biodegradable waste
 - 20 02 02 soil and stones
 - 20 02 03 other non-biodegradable wastes
- **20 03 other municipal wastes**
 - 20 03 01 mixed municipal waste
 - 20 03 03 street-cleaning residues
 - 20 03 07 bulky waste

APPENDIX 6

June 2023 Payment Confirmation



Make a payment to another UK account

Your payment has been made

From	<i>e-Payments Plan 20-69-15 3075 7519</i>
To	<i>ENVIRONMENT AGENCY 60-70-80 1001 4411</i>
Amount	<i>£4,654.40</i>
Reference	<i>PSCAPPWILL5195</i>
When	<i>Immediate payment</i>

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