

Caulmert Limited

Engineering, Environmental & Planning
Consultancy Services

Daneshill Soils Treatment Facility

FCC Recycling (UK) Limited

Environmental Permit Variation Application

Supporting Document

Prepared by

Caulmert Limited

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APPROVAL RECORD

Site: Daneshill Landfill Site

Client: FCC Recycling (UK) Ltd

Project Title: Daneshill Soils Treatment Facility

Document Ref: 3982-CAU-XX-XX-RP-V-0300-A0.C1

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- 3982-CAU-XX-XX-DR-V-1800** 500m Receptors Plan
- 3982-CAU-XX-XX-DR-V-1801** Site Layout

1 INTRODUCTION

1.1 Application context

- 1.1.1 FCC Recycling (UK) Ltd, a wholly owned subsidiary of FCC Environment Ltd (hereafter referred to as the 'Operator') operate Daneshill Landfill Site, located approximately 11km north east from the centre of Worksop at National Grid Reference SK6755086750.
- 1.1.2 Caulmert Limited were appointed by the operator to prepare an application to vary the existing Daneshill Landfill Site permit (EPR/NP3538MF) to include a Soil Treatment Facility (STF) on the former aggregates recycling pad within the landfill site boundary.
- 1.1.3 The STF is proposed to accept and process up to 29,999 tonnes per annum of hazardous soils and 20,001 of non-hazardous soils. The soils treated will be used for the restoration of the wider Daneshill Landfill site. The maximum treatment time for soils is 6 months in general with the majority being treated in periods of between 8-16 weeks.
- 1.1.4 Treatment areas at Daneshill Landfill Site consist of two pads measuring at 3500m² and 3450m² for biotreatment and asbestos screening/processing, and a separate asbestos screening/processing pad with a treatment area of 4880m². The proposed bioremediation process will utilise industry standard biopile technology and will operate through the use of biopiles and moisture control, addition of suitable amendments to the soil, forced air extraction to encourage micro-organism growth and breakdown of hydrocarbons into by-products such as carbon dioxide and water vapour. Hazardous soils containing bound asbestos debris will undergo a pre-screening process and hand-picking of asbestos fragments. Soils will typically be treated over an 8-16 week period, with the material being turned infrequently, typically once every 8 weeks. The bioremediation plant will operate continuously.
- 1.1.5 Non-hazardous soils (including hazardous soils which have been treated), maybe screened to remove oversize inclusions, prior to use in the restoration of the site, after validation testing is complete to ensure they are physically suitable. Following screening, the soils will be stockpiled for use in recovery at Daneshill Landfill Site, this may also include soils that have undergone bioremediation process to remove oversized materials.
- 1.1.6 The facility will be limited to accepting wastes that can be treated to a point where they can be used as final restoration of the landfill area.

1.2 Document structure

- 1.2.1 This Supporting Document has been prepared to provide additional information to support the information provided in Parts C2 and C3 of the environmental permit application form for varying a bespoke installation 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 APPLICATION FORM PART A

2.1 Part A - 5c: details of the directors

- 2.1.1 Details of directors for FCC Recycling (UK) Limited are as detailed below, Dates of Birth for Relevant Persons are included in Appendix 1 (omitted from Public Register)

Name of Directors
Mr Agustin Serrano Minchan
Mr Vicente Federico Orts-Llopis
Paul Taylor

3 EXISTING PERMIT AND PRE-APPLICATION DISCUSSIONS

3.1 Part C2 – 1b: Pre-application discussions

- 3.1.1 Pre-application advice request was submitted to the EA. A copy of the formal response (ref EA/EPR/NO3538MF) is contained within Appendix 2.

3.2 Part C2 – 1c: Permit number

- 3.2.1 The permit (EPR/NP3538MF) for the landfill was first issued to FCC Recycling (UK) Limited on the 13th November 2009 and underwent subsequent variations. The most recent variation was in January 2017 of which a permit review was undertaken by the Environment Agency in January 2017 to conform to the current EPR permit format.

4 PROPOSED CHANGES

4.1 Part C2 – 2a: Type of variation

4.1.1 The Application has been prepared on the basis of adding an activity to an existing permit

4.2 Part C2 – 2b: Changes to existing activities

4.2.1 The application question 2b requests that information should be given about changes to existing activities. There are no changes to the existing activities as the application proposes to add a new activity to the permit.

4.2.2 The permit currently relates to the installation which is Daneshill Landfill along with its related activities.

4.2.3 This variation application is to permit the operation of a soils treatment facility capable of treating up to a maximum of 29,999 tonnes per annum of hazardous soils and 20,000 tonnes of non-hazardous soils per annum. Treated soils to be accepted under the landfill activity as a recovery operation with some residual waste removed off site for disposal. The Site is to be located on land adjacent to Daneshill landfill but within the existing permit boundary.

4.2.4 Proposed bioremediation process will utilize standard biopile technology with forced air extraction. Asbestos containing soils will undergo pre-acceptance, pre-screening and handpicking of asbestos fractions. Wastes containing organic contamination will also undergo biotreatment to eliminate any hazardous hydrocarbon impact.

4.2.5 Any surplus surface water will be collected and stored in a bunded tank before being tankered off site and treated at a suitable facility or treated for reuse in the biopile.

4.2.6 Landfill permit includes Section 5.3 Part A(1) (a) (i) activity for leachate treatment in addition to the 5.2 activity. The permit currently permits the acceptance of waste (incl 19 13 02) as a recovery operation in accordance a Restoration Plan.

4.2.7 It is proposed to add the following listed activities to the current permit to facilitate this proposed operation.

- Section 5.3A(1)(a)(i) - Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment;
- Section 5.3A(1)(a)(ii) Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving physico-chemical treatment;
- Section 5.4A(1)(a)(i) - Disposal or recovery of non-hazardous waste with a capacity exceeding 10 tonnes per day involving biological treatment;

- 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 Sections 5.1, 5.2 and 5.3;

5 OPERATOR ABILITY

5.1 Part C2 – 3a: Relevant offences

5.1.1 There are no relevant convictions that require declaration.

5.2 Part C2 – 3b: Technical ability

5.2.1 FCC Environment has recently introduced a Competency Management System (CMS), which has been certified by its accrediting body.

5.2.2 The Competency Management System is an alternative mechanism to the Certificate of Technical Competence (COTC) / Technically Competent Management (TCM) regime for demonstrating competence at sites with PPC permits.

5.2.3 Further details are provided within the Management System Summary, document Reference: 3982-CAU-XX-XX-RP-V-0301-A0-C1 contained within Appendix 3.

5.3 Part C2 – 3d: Management system

5.3.1 Daneshill Landfill and the associated activities on site are managed by the operator in accordance with a management system which meets the standard set out in Environment Agency guidance 'Getting the Basics Right'.

5.3.2 FCC Recycling (UK) Limited operates a quality management system which has been approved by LRQA to the following standards:

Competency Management System – Energy & Utility Skills (Private Standard) Version 4

5.3.3 A copy of the certificate is contained within Appendix 4.

5.3.4 Whilst FCC Recycling (UK) Ltd will operate the site, Provectus Remediation Ltd will provide technical assistance for the operation of the STC as required. Provectus technical staff to be involved with these activities are CoTC holders, they are:

Jonathan Owens (DoB information in Appendix 1)

Andrew Clee (DoB information in Appendix 1)

5.3.5 Copies of their certificates are included in Appendix 5

5.3.6 Details of other waste activities are where they currently also have TCM responsibilities are detailed in Table 1 below.

Table 1 Details of Technical Persons and other waste activities TCM provided for

TCM	Permit Number	Site Address and Post Code
Jonathan Owens	EPR/EB363AK/A001 EAWML105284	Provectus Remediation Ltd Mobile Plant Eling Wharf
Andrew Clee	EPR/BS7722ID	3C Waste Limited Maw Green Landfill Site Maw Green Road Coppenhall Crewe Cheshire CW1 5NG

5.3.7 The Operator will also implement a number of site-specific procedures and documents to control the soil treatment operations at the site.

5.3.8 The Operators existing management procedures will be updated to include the activities proposed. In addition, the operator has implemented an environmental management system across the company to control the operations at their sites. A summary of the management system is included within document ref: 3982-CAU-XX-XX-RP-V-0301.

6 SUPPORTING INFORMATION

6.1 Part C2 – 5a: Plans for the site

6.1.1 No land will be added to the permitted areas a result of this variation.

6.2 Part C2 – 5b: Site report for any additional land

6.2.1 As no additional land will be added, however an addendum to the existing ESID Report has been included to cover the activities proposed and is referenced in the Site Condition Report document ref: 3982-CAU-XX-XX-RP-V-0304.

6.3 Part C2 – 5c: Non-technical summary

6.3.1 A non-technical summary has been provided as part of this application under document reference: 3982-CAU-XX-XX-RP-V-0302.

6.4 Part C3 – Table 1b: Types of waste

6.4.1 The waste types to be accepted within the soils treatment facility are detailed in Table 1 below.

Table 1a: Wastes to be accepted for physical treatment of waste

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 hazardous substances
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 15*	spent filter clays
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
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 08*	mixtures of wastes from grit chambers and oil/water separators
17	Construction and demolition wastes (including excavated soil from contaminated sites)
17 05	soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing hazardous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing hazardous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing hazardous substances
17 05 08	track ballast other than those mentioned in 17 05 07
17 06	Insulation materials and asbestos-containing construction materials
17 06 05*	construction materials containing asbestos
17 09	other construction and demolition wastes
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
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 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 04*	premixed wastes composed of at least one hazardous waste – wastes suitable for biological treatment only
19 02 05*	sludges from physico/chemical treatment containing hazardous substances – wastes suitable for biological treatment only
19 02 11*	other wastes containing hazardous substances – wastes suitable for biological treatment only
19 08	wastes from waste water treatment plants not otherwise specified

19 08 13*	sludges containing hazardous substances from other treatment of industrial waste water
19 13	wastes from soil and groundwater remediation
19 13 01*	solid wastes from soil remediation containing hazardous substances
19 13 03*	sludges from soil remediation containing hazardous substances

Table 1b: Wastes to be accepted for treatment in the bioremediation process

01	Wastes resulting from exploration, mining, quarrying, and physical and chemical treatment of minerals
01 05	Drilling muds and other wastes
01 05 05*	Oil-containing drilling muds and wastes
01 05 06*	Drilling muds and other drilling wastes containing hazardous substances
05	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
05 01	wastes from petroleum refining
05 01 05*	Oil spills
13	Oil wastes and wastes of liquid fuels (except edible oils, and those in chapters 05, 12 and 19)
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 08*	Mixtures of wastes from grit chambers and oil/water separators
17	Construction and demolitions wastes (including excavated soil from contaminated sites)
17 05	Soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03*	soil and stones containing hazardous substances
17 05 04	soil and stones other than those mentioned in 17 05 03
17 05 05*	dredging spoil containing hazardous substances
17 05 06	dredging spoil other than those mentioned in 17 05 05
17 05 07*	track ballast containing hazardous substances
17 05 08	track ballast other than those mentioned in 17 05 07
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 02	Wastes from physico/chemical treatment treatments of waste (including dechromatation, decyanidation, neutralisation)
19 02 04*	premixed wastes composed of at least one hazardous waste – wastes suitable for biological treatment only
19 02 05*	sludges from physico/chemical treatment containing hazardous substances – wastes suitable for biological treatment only
19 02 11*	other wastes containing hazardous substances – wastes suitable for biological treatment only
19 08	wastes from waste water treatment plants not otherwise specified

19 08 13*	Sludges containing hazardous substances from other treatment of industrial waste water
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 11*	Other wastes (including mixtures of materials) from mechanical treatment of waste containing hazardous substances
19 13	Wastes from soil and groundwater remediation
19 13 01*	Solid wastes from soil remediation containing hazardous substances
19 13 03*	Sludges from soil remediation containing hazardous substances
20	Municipal Wastes (household waste and similar commercial, industrial and institutional wastes) Including separately collected fractions
20 03	Other municipal wastes
20 03 03	Street cleaning residues

6.5 Part C3 – Appendix 4 – Specific Questions for the Landfill Sector

- 6.5.1 Provide your Environmental Setting and Installation Design (ESID) report: 3982-CAU-RP-V-0304-A0-C1.
- 6.5.2 Provide your Hydrogeological Risk Assessment (HRA) for the site: Not required for this application.
- 6.5.3 Provide your Stability Risk Assessment (SRA) for the site: Not required for this application.
- 6.5.4 Provide your Landfill Gas Risk Assessment: Not required for this application.

6.6 Part F1 –2: Payment

- 6.6.1 Based on GOV.UK website ‘Environmental Permitting Charges Guidance’, under Section 2.12 ‘Application charge for multiple activities under one permit’, 50% of the relevant application charge for any secondary activities that can be reasonably be considered to be part of the same operation and a secondary activity can be calculated. 10% of the relevant charge for the same activity carried out multiple times on the same site can be calculated. The 10% charge is applied where a hazardous waste operation with associated storage of hazardous waste will be 10% of the relevant application charge. Therefore, the associated fees are as follows:

Ref	Activity	Cost
1.16.1.1	Sect 5.3(a)(i) haz waste, biological treatment	16,001 (100% of charge)
1.16.1.2	Sect 5.3(a)(ii) haz waste, physico-chemical treatment	8000.50 (50% of charge)
1.16.2.1	Sect 5.4(a)(i) non-haz waste, biological treatment	6,992 (50% of charge)
1.16.4	Sect 5.6 temporary or underground storage of hazardous waste	1,600.10 (10% of charge)

Additional Assessment Charges		
1.19.2	Habitats Assessment	£779
1.19.5	Emissions Management Plan	£1,241
1.19.6	Odour Management Plan	£1,246
	Total	35,859.60

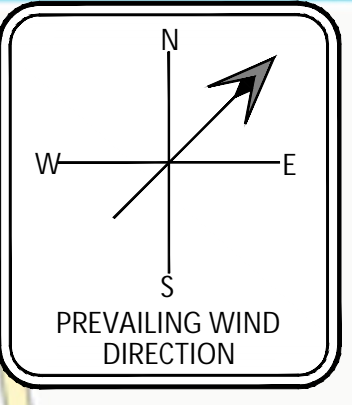
- 6.6.2 A BACS payment for the amount of £35,859.60 under remittance number **PSCAPPFCCDANES** been made to the EA to cover all associated fees.



Drawings



- LEGEND**
- AREA OF PROPOSED ACTIVITY
 - 1000m OFFSET BOUNDARY
 - MAJOR ROAD
 - MINOR ROAD
 - RAIL
 - SURFACE WATER
 - PUBLIC AREAS
 - AGRICULTURAL
 - COMMERCIAL
 - INDUSTRIAL
 - RESIDENTIAL
 - EDUCATION
 - SSSI



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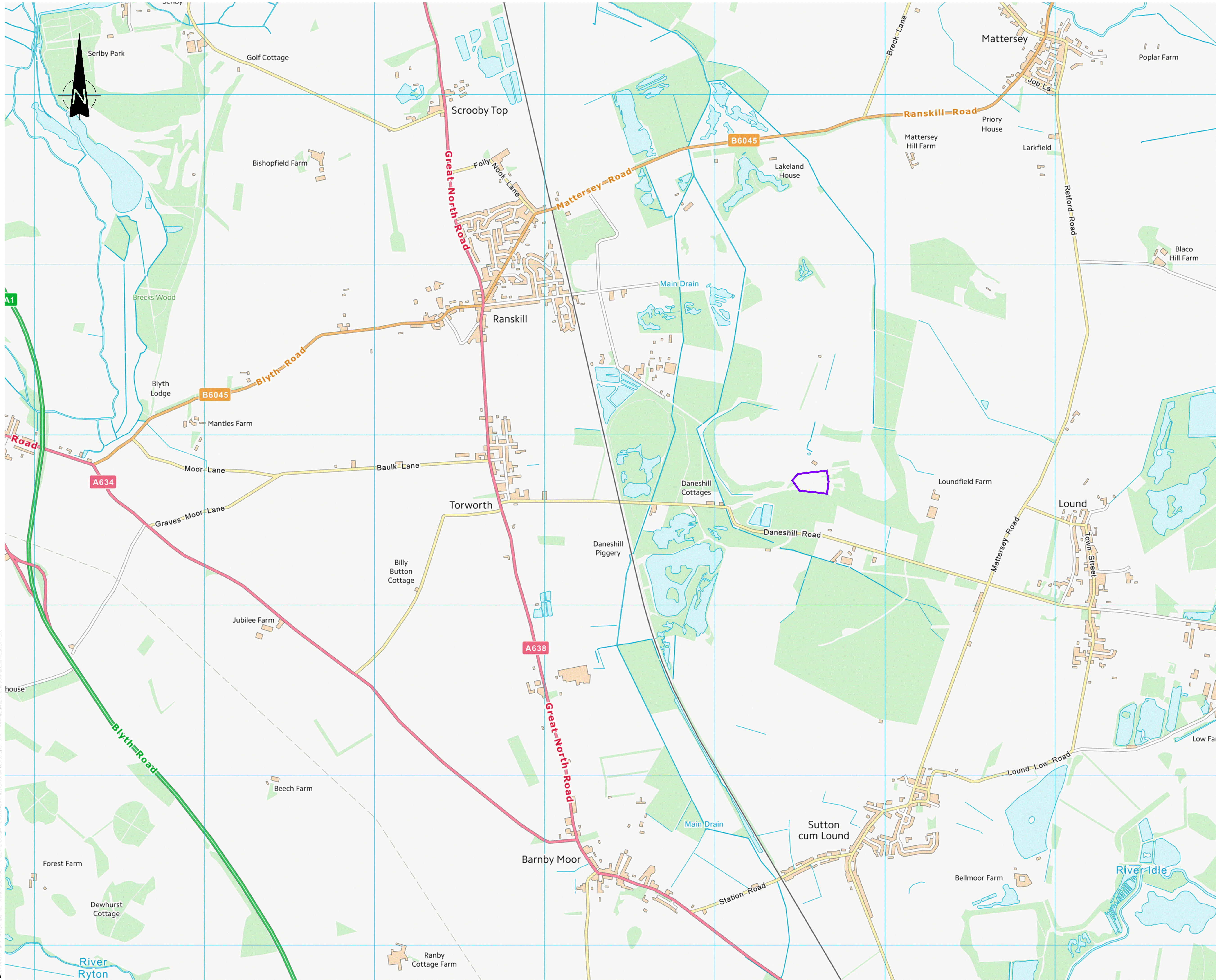
Great



PURPOSE OF ISSUE		STATUS	
FOR INFORMATION		S2	
CLIENT:			
PROJECT:			
DANESHILL SOILS TREATMENT FACILITY			
TITLE:			
1000m SENSITIVE RECEPTOR PLAN			
DESIGNED BY	DRAWN BY	REVIEWED BY	AUTHORISED BY
KB	EJD	KB	KB
DATE	SCALE @ A1	JOB REF:	REVISION
04.11.2019	1:2500	3982	P02
DRAWING NUMBER			
3982-CAU-XX-XX-DR-1800			
<small>engineering environmental planning</small>			

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NOTE

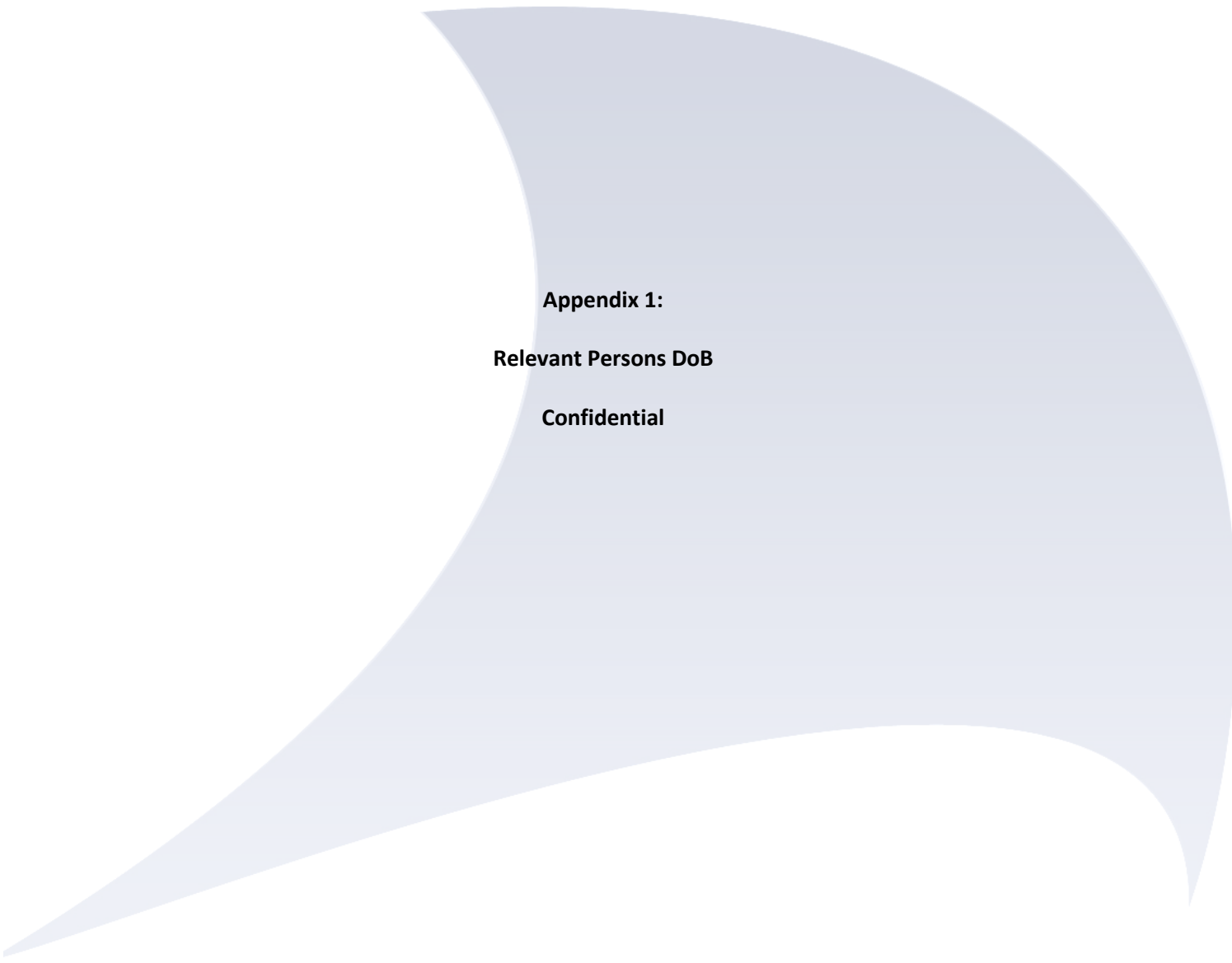
 AREA OF PROPOSED ACTIVITY



P2	ISSUED FOR INFORMATION	EJD	KB	AS	10.12.19
P1	ISSUED	KB	KB	KB	14.11.19
REV	MODIFICATIONS	BY	RE	AP	DATE
PURPOSE OF ISSUE					STATUS
FOR INFORMATION					S2
CLIENT:					
					
PROJECT:					
DANESHILL SOILS TREATMENT FACILITY					
TITLE:					
SITE LOCATION PLAN					
DESIGNED BY	DRAWN BY	REVIEWED BY	AUTHORISED BY		
KB	KB	KB	KB		
DATE	SCALE @ A1	JOB REF:	REVISION		
14.11.2019	1:10000	3982	P2		
DRAWING NUMBER					
3982-CAU-XX-XX-DR-1801					
					

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Appendix 1:

Relevant Persons DoB

Confidential



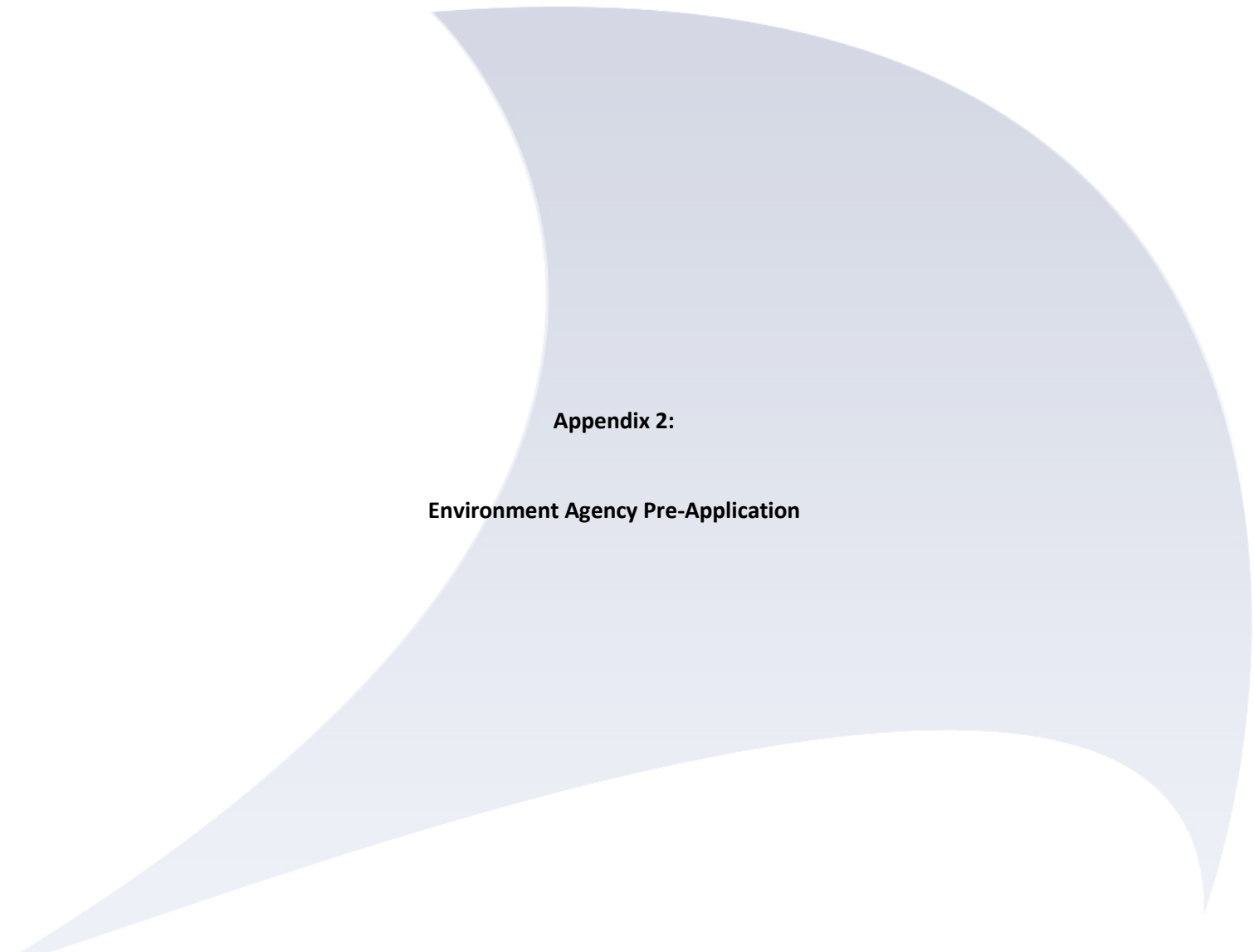
**Daneshill Landfill Site Substantial Variation Application
Daneshill Soil Treatment Facility**

Directors Date of Birth

Name of Directors	Date of birth
Mr Agustin Serrano Minchan	04/12/1959
Mr Vicente Federico Orts-Llopis	08/08/1962
Paul Taylor	28/05/1959

Technical Persons Date of Birth

Name of TCM	Date of birth
Jonathon Owens	08/11/1973
Andrew Clee	23/07/1985



Appendix 2:

Environment Agency Pre-Application



Andy Stocks
Ground Floor West
900 Pavilion Drive
Northampton Business Park
Northampton
NN4 7RG

Our Ref: EA/EPR/NP3538MF/V008
Our Date App February 2020

Dear Andy,

**Pre application advice – Basic service
FCC Recycling (UK) Limited**

Following your pre-application request dated 09/12/2019 we have the following advice:

For this Substantial Variation you will need to submit the following forms. 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:

Form A:

<https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-a-about-you>

Form F1 (opra, charges, declarations):

<https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-f1-opra-charges-declarations>

Form C2

<https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-c2-varying-a-bespoke-permit>

Form C3

<https://www.gov.uk/government/publications/application-for-an-environmental-permit-part-c3-varying-a-bespoke-installation-permit>

Please provide these additional documents / supporting information:

A summary of your Environment Management System:

A summary should cover all the points in 'Develop a management system: environmental permits' at

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

Non-Technical Summary:

You need to send us a simple explanation of what you are applying for. This should include a summary your operations, a summary of the key technical standards and control measures arising from your risk assessment.

Environmental Risk Assessment:

You should describe the environmental risk posed by the proposed variation. This must take the form of an environmental risk assessment which should follow the methodology set out in ‘Risk assessments for your environmental permit’ at <https://www.gov.uk/guidance/risk-assessments-for-your-environmental-permit>

You should consider using our assessment tool to assess your environmental risk. Our assessment tool will inform you when more detailed modelling is required.

Depending on the outcome of your initial environmental assessment, you may be required to undertake detailed modelling of your environmental risk.

You need to assess the risk of emissions to air using the methodology in this guidance:

<https://www.gov.uk/guidance/air-emissions-risk-assessment-for-your-environmental-permit>

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 this guidance

<https://www.gov.uk/guidance/environmental-permitting-air-dispersion-modelling-reports>

You will need to assess the risk of hazardous pollutants to surface water from you proposed discharge, you need to follow this guidance: <https://www.gov.uk/guidance/surface-water-pollution-risk-assessment-for-your-environmental-permit>

For sanitary determinands you should follow the methodology set out in our guidance

<https://www.gov.uk/government/publications/h1-annex-d2-assessment-of-sanitary-and-other-pollutants-in-surface-water-discharges>

If you need to undertake detailed modelling of the risk to surface water you should follow this methodology <https://www.gov.uk/government/publications/modelling-surface-water-pollution-risk-assessment>

If you need to undertake assess the risk to groundwater you should follow this methodology

<https://www.gov.uk/guidance/groundwater-risk-assessment-for-your-environmental-permit>

Site Condition Report:

You may need to update your site condition report to ensure it covers the area you are going to use for this variation. This should be in line with our guidance H5 Site condition report – guidance and templates which includes a template you can use:

<https://www.gov.uk/government/publications/environmental-permitting-h5-site-condition-report>

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 new areas

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.

Site Plan:

You must send us an updated site plan that identifies all of the land on which your activities take place. The site plan should provide a date and a reference and must be drawn accurately to a defined scale. The outline of the site must be clearly marked. It will be helpful if local features are shown on the plan to help us place the site in its local environment.

If you are sending us a paper copy of your site plan it must be either A3 or A4 size. Alternatively you can send us an electronic copy on CD or via email.

You will need to include a site drainage plan that covers the area.

You should include a site layout plan to help us understand where activities will be undertaken.

Technical Description and BAT assessment:

You will need to provide a technical description of the activities you proposed in this variation, including any plant, equipment and infrastructure, including design capacities. You must demonstrate how you will meet any relevant Best Available Techniques. For waste treatment the sector guidance is here: <https://www.gov.uk/government/publications/sector-guidance-note-s506-recovery-and-disposal-of-hazardous-and-non-hazardous-waste>

This should include consideration for any relevant Directives, such as Energy Efficiency Directive and Waste Framework Directive (WFD). <https://www.gov.uk/guidance/best-available-techniques-environmental-permits>

This should also include details of any operating techniques or infrastructure you are using to minimise the risk of pollution including any details of secondary containment (e.g. bunds) used and how this meets any relevant standards.

Operators of waste activities that need permits must meet the requirements of:
the sector guidance for waste storage and treatment S5.06:

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

and the waste treatments BREF:

http://eippcb.jrc.ec.europa.eu/reference/BREF/WT/JRC113018_WTbref.pdf

These are the initial points for defining appropriate measures and best available techniques (BAT). New waste installations and must use BAT and meet associated emission limits (BAT-AELs) from the date they are first permitted. BAT and BAT-AELs are set out in Commission Implementing Decision (EU) 2018/1147: <http://eippcb.jrc.ec.europa.eu/reference/wt.html>

You should also tell us how you monitor and control the emissions from the site and provide us with the standalone risk assessments/management plans requested below:

<https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit#emissions-that-do-not-have-set-limits>

Where monitoring is a requirement for your emissions to air, you must provide an assessment of the sampling locations used to measure point source emissions to air. The assessment must use our M1

guidance. Please find attached a summary for reference. Further information can be found in Section 4 of the guidance notes for form Part C3.

Odour Management Plan:

If the activity will pose a risk of odour an odour management plan might be needed. You should see the H4 guidance on our website: <https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit#odour>

Noise Impact Assessment:

If the activity poses a noise risk we may consider a noise impact assessment is necessary. You should consider whether you will need to send in a noise impact assessment with your application. You should follow the H3 guidance on our website as well as the requirements noise impact assessments:

<https://www.gov.uk/government/publications/environmental-permitting-h3-part-2-noise-assessment-and-control>

<https://www.gov.uk/government/publications/noise-impact-assessment-information-requirements>

Noise and Vibration Management Plan:

If the activity poses a noise risk we may consider a noise and vibration management plan is necessary. You should follow the H3 guidance on our website:

<https://www.gov.uk/government/publications/environmental-permitting-h3-part-2-noise-assessment-and-control>

Accident prevention and management plan:

You need to include an accident prevention and management plan to cover the activities which considers the requirements of this guidance <https://www.gov.uk/guidance/develop-a-management-system-environmental-permits#accident-prevention-and-management-plan>

Emissions (Dust) Management Plan:

You should consider if the new activities pose a dust risk and if a dust management plan is necessary. If so this needs to address the aspects listed under 'Emissions that do not have set limits' in our guidance control and monitor emissions for your environmental permit

<https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit#emissions-that-do-not-have-set-limits>

Pest Management Plan:

You should consider whether you will need to send in a Pest Management Plan with your application. If so this needs to address the aspects listed under pests in our guidance control and monitor emissions for your environmental permit

<https://www.gov.uk/guidance/control-and-monitor-emissions-for-your-environmental-permit#pests>

Bioaerosol Risk Assessment:

You should consider whether you will need to send in a site specific bioaerosol risk assessment with your application: <https://www.gov.uk/government/publications/bioaerosol-monitoring-at->

[regulated-facilities-use-of-m9-rps-209/bioaerosol-monitoring-at-regulated-facilities-use-of-m9-rps-209](https://www.gov.uk/guidance/regulated-facilities-use-of-m9-rps-209/bioaerosol-monitoring-at-regulated-facilities-use-of-m9-rps-209)

Technical Competence:

You will need to send in evidence of appropriate technical competence for the facilities you propose:

<https://www.gov.uk/guidance/waste-recovery-plans-and-permits>

Waste Recovery plan

You should consider whether you will need to provide a waste recovery plan:

<https://www.gov.uk/guidance/waste-recovery-plans-and-permits#waste-recovery-plan>

If you consider this to be required for your application please contact the environment agency for further pre-application advice on what to include, it is also advised to apply for this assessment separately to the full variation as if this assessment deems the waste disposal the whole variation fee may be lost.

Habitats screening requirements:

A habitats screen is provided.

Additional advice:

- Limited information was provided regarding techniques to be used – you will need to ensure the application will use appropriate measures to prevent and minimise pollution.

The application fee is based on the following charges from our Charging Scheme:

Ref.	Activity	Cost
1.16.1.2	Section 5.3 (a)(ii) – hazardous waste installation – physico-chemical treatment.	£16,001 (new activity on an existing permit)
1.16.1.1	Section 5.3 (a)(i) – hazardous waste installation – biological treatment	£16,001 (new activity on an existing permit)
1.16.4	Section 5.6 – temporary or underground storage of hazardous waste	£13,519 (new activity on an existing permit)
1.19.2	Habitats Assessment	£779
1.19.5	Emission management Plan (Dust)	£1,241
1.19.6	Odour Management Plan	£1,246
		£48,787
The application charge may also need any of the following plans or assessments in addition to the charges shown above		
1.19.1	Waste Recovery Plan	£1,231
1.19.4	Pest Management Plan	£1,241
1.19.7	Noise Management Plan	£1,246
1.19.5	Emissions management plan (Bioaerosol)	£1,241

Link: <https://www.gov.uk/government/publications/environmental-permitting-charging-scheme-2019>

The charging guidance states “the Agency may, by notice to the person liable for the charge, waive or reduce any charge specified in this Scheme if it considers it to be significantly disproportionate in a particular case, having regard to the actual costs and expenses incurred or to be incurred by the Agency in relation to a particular application or subsistence period.”

Please refer to section 3.7 of the charging guidance for advice regarding abatement of charges:
<https://www.gov.uk/government/publications/environmental-permitting-charges-guidance/environmental-permitting-charges-guidance#vary-a-permit-charges>

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 a full technical check during duly making and determination, and additional information may be required based on your detailed submission and site specific requirements.

This advice covers Waste/Installations only. Other permissions from the Environment Agency and/or other bodies may be required for associated or other activities.'

What happens next?

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>

If you need more extensive or technical pre-application advice, you can ask for our Enhanced 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.

Applying for a permit

If you submit an environmental permit application then please quote this pre-application reference number **EA/EPR/NP3538MF/V008**.

Completed applications should be sent 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.

A permit application must contain the following information:

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 postholder, ie, chair, chief executive, director or trustee.

Please ensure the declaration tick box is completed. The Declaration section is found on Form F1 section 5 (or if you are completing Forms B6.5 or B6.6, it is in section 9).

Site Plan

The site plan must be clearly marked with the full site boundary.

Application fee

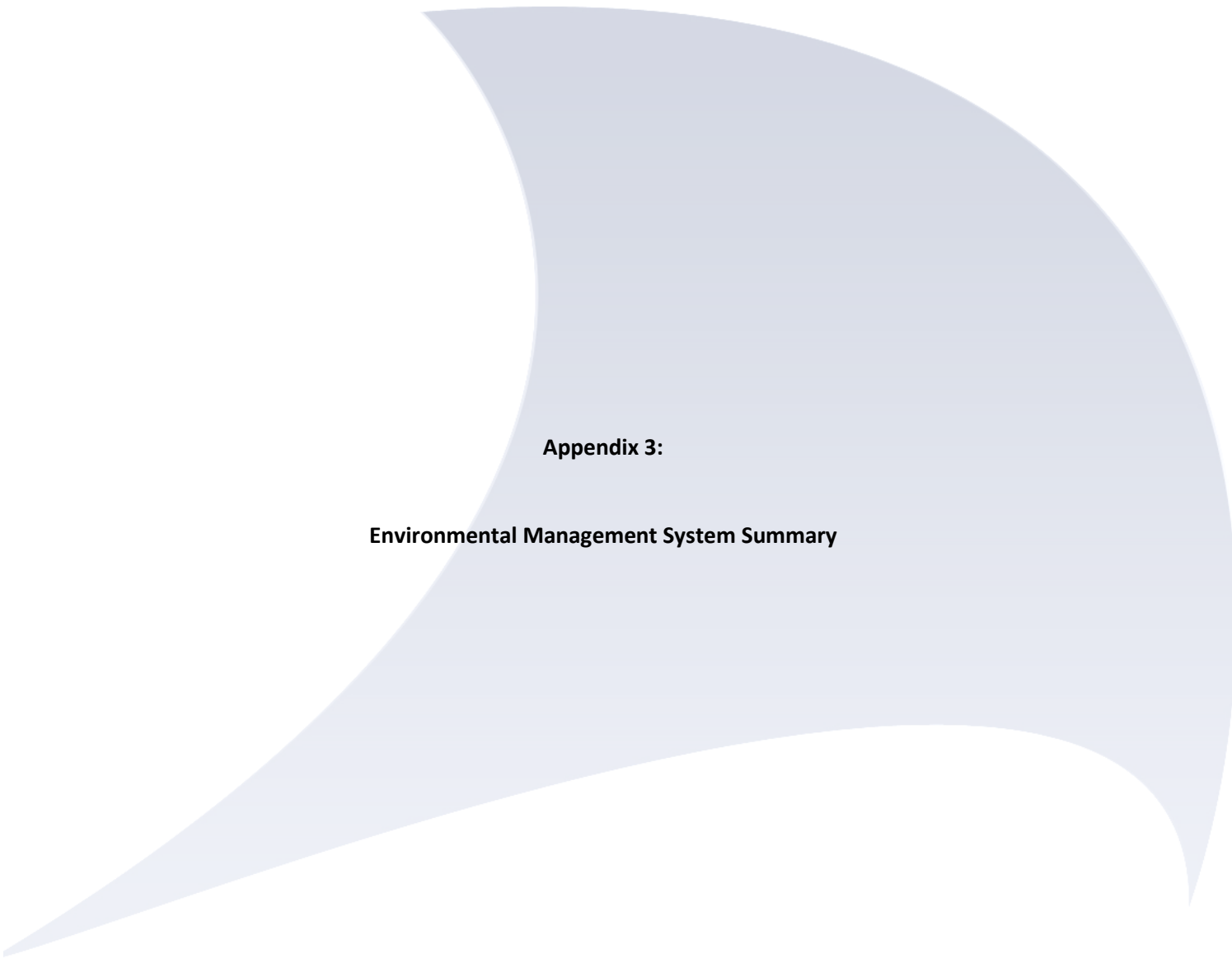
Please note that your application will not be processed until we receive the full application fee payment.

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

Yours sincerely

Bethany Smith

bethany.smith@environment-agency.gov.uk



Appendix 3:

Environmental Management System Summary

Caulmert Limited

Engineering, Environmental & Planning
Consultancy Services

Daneshill Soils Treatment Facility

FCC Recycling (UK) Limited

Environmental Permit Variation Application

Management System Summary

Prepared by:

Caulmert Limited

14 Farrington Way, Eastwood Link Business Park, Eastwood, Nottinghamshire, NG16 3BF

Tel: 01773 749132

Email: andystocks@caulmert.com

Web: www.caulmert.com

Document Reference: 3982-CAU-XX-XX-RP-V-0301-A0.C1

November 2020

APPROVAL RECORD

Site: Daneshill Landfill

Client: FCC Recycling (UK) Ltd

Project Title: Daneshill Permit Variation

Document Title: Management System Summary

Document Ref: 3982-CAU-XX-XX-RP-V-0301-A0.C1

Report Status: **Final**

Project Manager: Andy Stocks

Caulmert Limited: 14 Farrington Way, Eastwood link Business Park, Eastwood, Nottinghamshire, NG16 3BF

Tel: 01773 749132

Author	Kellie-Marie Burston	Date	26/11/2020
Reviewer	Andy Stocks	Date	26/11/2020
Approved	Andy Stocks	Date	26/11/2020

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Appendix 1 Certificates & Policy Documents

1. INTRODUCTION

- 1.1.1 FCC Recycling (UK) Limited, a wholly owned subsidiary of FCC Environment (UK) Ltd (hereafter referred to as the 'Operator') operate Daneshill Landfill Site, which is located approximately 2km east of Lound Village, Nottinghamshire at National Grid Reference SK6755086750.
- 1.1.2 Caulmert Limited were appointed by the operator to prepare an application to vary the existing permit to include a Soil Treatment Facility (STF) to produce soil, soil substitutes and aggregate, within the landfill site boundary.
- 1.1.3 The Operator has developed a management structure and a site-specific Environmental Management System (EMS) accredited to ISO 14001. The EMS will be part of the facility's overall management system and will establish an organisational structure, responsibilities, practices, procedures and resources for achieving, reviewing and maintaining the company's commitment to environmental protection. Copies of ISO certificates are contained in Appendix 1
- 1.1.4 The Operation of an EMS is an assurance to the regulator, neighbouring businesses, stakeholders, and others alike that the facility operation is undertaken in strict compliance with the regulations in force and with the management seeking continual improvements. It requires the company to work in a transparent way, to maintain and improve the confidence of regulators and neighbours, and to have a proactive approach to environmental improvement.

2. MANAGEMENT SYSTEM

- 2.1.1 The Operator has developed a management structure and a site-specific Environmental Management System (EMS) accredited to ISO 14001.
- 2.1.2 In addition to a site-specific EMS, FCC Environment have also chosen to implement the Operator Competence System developed by Energy & Utility Skills (EU Skills) and Environmental Services Associated (ESA) 'Competence Management System' (CMS). The CMS is approved by DEFRA and the EA to satisfy the Environmental Permit competency requirement.
- 2.1.3 The CMS defines the sites management structure, as well as setting out the roles and responsibilities of all staff. The development of the CMS will also include:
- An Environmental Policy;
 - Health and Safety Procedures; and
 - An operational guidance manual which will include process plant operating procedures for both standard and emergency conditions.
- 2.1.4 To ensure appropriate operation of the proposed Soils Treatment Facility, the Operator will develop documented management procedures and written work instructions which incorporate environmental considerations into the construction and operation of the facility.

2.1.5 The management system will also incorporate a number of other procedures and documents, which are used in the current operations of the site. These will be updated where applicable to incorporate the activities associated with the additional wastes.

2.2 Identifying and minimising risks of pollution

2.2.1 An environmental risk assessment has been carried out for the purpose of this variation which assesses the environmental risks from the activities proposed to be covered under the permit (document reference 3982-CAU-XX-XX-RP-V-0303-A0-C1).

2.2.2 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.

2.2.3 A plan showing the sensitive receptors around the site and a site layout plan showing the location of drainage infrastructure have also been prepared.

2.3 Operations and maintenance

2.3.1 With regards to the proposed operations, the control measures identified (within document reference 3982-CAU-XX-XX-RP-V-0305-A0-C1), will form the technical standards for the site. Any new operational procedures needing to be developed for the site will incorporate these technical standards as a minimum.

2.3.2 A Planned Preventative Maintenance programme (PPM) will be employed on site in place to minimise the risk to safety, health and the environment by ensuring that all appropriate items and elements within the site are serviced and inspected on a regular basis or to the manufacturers' maintenance schedules.

2.3.3 An inventory of the plant will be kept on site together with details on routine maintenance. Each item of plant will have a dedicated Maintenance log. These measures will reduce the likelihood of plant failure.

2.3.4 All site staff will be suitably trained and will report any such incidents to the Site Manager.

2.3.5 Specific procedures relevant to this will be:

- STF FO02 Soil Reception Procedure
- STF FO03 Soil Characterisation Procedure
- STC WI 004 Soil Treatment and Process Monitoring Procedure
- STC WI 005 Soil Turnover
- STC WI 006 Soil Analysis
- STC WI 007 Environmental Monitoring
- STC WI 008 Biofilter Maintenance and Monitoring
- STC WI 010 Pad Maintenance
- IMS-PRO-093 Amenity Impact Control Procedure
- IMS-PRO-094 Waste Handling Procedure

- IMS-UG-031 Waste Acceptance Guidance
- IMS-PRO-164 Compliance Testing Procedure
- IMS-FRM-191 Waste Sampling Plan
- IMS-PRO-101 Monthly Site Inspection Procedure
- IMS-UG-016 Environmental Permit Installation Checks Guidance
- IMS-UG-018 Environmental Aspects Assessment Guide

2.4 Accidents/Incidents and non-conformances

2.4.1 The Operator will develop an accident management plan which:

- identifies the likelihood and consequence of accidents;
- identifies actions to prevent accidents and mitigate any consequences;
- documented procedures for handling, investigating, communicating and reporting actual or potential non-compliance with operating procedures or any emission limits;
- documented procedures for handling, investigating, communicating and reporting environmental complaints and implementation of appropriate actions; and,
- documented procedures for investigating incidents, (and near misses) including identifying suitable corrective action and following up.

2.4.2 To ensure ongoing conformance to the management requirements and a system of continuous improvement, the operator will have periodic audits undertaken by independent auditors.

2.4.3 Any incidents or non-conformances will be recorded in the daily site records. A daily site inspection is carried out by a technically competent manager. Staff are also encouraged to report any issues to a competent manager.

2.3.5 Specific procedures relevant to this will be:

- IMS-FRM-019 Environmental Aspects and Impacts Form
- IMS-FRM-025 Daily Monitoring Form
- IMS-FRM-037 Fire Risk Assessment Report
- IMS-FRM-065 Environmental Monitoring Non-Conformance Form
- IMS-FRM-068 Emergency Management Plan
- IMS-PRO-005 CAR Response Procedure
- IMS-PRO-013 Accident and Incident Reporting Procedure
- IMS-PRO-014 Preventive and Corrective Action
- IMS-PRO-016 Aspects and Impacts Procedure
- IMS-PRO-031 Fire Prevention Procedure
- IMS-PRO-051 Environmental Installation Checks Procedure
- IMS-PRO-093 Amenity Impact Control Procedure
- IMS-PRO-101 Monthly Site Inspection Procedure
- IMS-UG-015 Permit Breach Notification Guidance
- IMS-UG-016 Environmental Permit Installation Checks Guidance

- IMS-UG-017 Landfill Monitoring and Analysis Guidance
- IMS-UG-018 Environmental Aspects Assessment Guide
- IMS-PRO-017 Environment Incident Reporting Procedure
- IMS-PRO-067 Lessons Learnt Procedure

2.5 Complaints

2.5.1 The company has a Complaints Procedure, which forms part of the management system for the site.

2.3.5 Specific procedures relevant to this will be:

- IMS-FRM-001 You Said We Did Form

2.6 Staff training and competence

2.6.1 The documented managements systems will include training requirements for all relevant staff which cover

- awareness of the regulatory implications of the Permit for the activity and their work activities;
- awareness of all potential environmental effects from operation under normal and abnormal circumstances;
- awareness of the need to report deviation from the Permit; and
- prevention of accidental emissions and action to be taken when accidental emissions occur.

2.6.2 The skills and competencies necessary for key posts should be documented and records of training needs and training received for these post maintained. The key posts will include contractors and those purchasing equipment and materials;

2.6.3 The potential environmental risks posed by the work of contractors should be assessed and instructions provided to contractors about protecting the environment while working on site.

2.6.4 Where industry standards or codes of practice for training exist) they should be complied with.

2.6.5 Training is provided so that all workers have a satisfactory understanding of their duties in relation to environmental and health & safety issues on site.

2.6.6 Specific procedures relevant to this will be:

- IMS-PRO-001 Training - Planning Procedure
- IMS-PRO-003 Training - Employee New and Existing Procedure
- IMS-PRO-029 Agency Worker Induction Procedure
- IMS-PRO-103 Change of Manager Handover Induction Procedure

- IMS-FRM-101 Change of Manager Form
- IMS-FRM-017 Agency Worker Induction Checklist
- IMS-PRO-067 Lessons Learnt Procedure
- IMS-FRM-060 Working with Waste Form

2.6.7 FCC Environment has recently introduced a Competency Management System (CMS), which has been certified by its accrediting body.

2.6.8 The Competency Management System is an alternative mechanism to the Certificate of Technical Competence (COTC) / Technically Competent Management (TCM) regime for demonstrating competence at sites with PPC permits.

2.6.9 Primarily, employees who are part of the CMS Scheme (Managers, Supervisors, Technicians, Advisors etc) are required to;

- Satisfactorily complete their CMS assessments within the timeframe set out by their assessor,
- Review and maintain their competency through a process of Continued Professional Development (CPD), i.e. attendance on both Permit Compliance and Duty of Care courses which should be refreshed every 3 years.
- Submit CPD records during IDS review for discussion with line manager
- Be familiar with and operate in accordance with the requirements of the relevant IMS procedures (detailed below) and their associated user guides and forms.
- Update relevant site documents and procedures including management plans and working plans to reflect the changes

2.6.10 Management procedures relating to the competency scheme are;

- IMS-FRM-170 CMS STANDARDISATION MEETING AGENDA
- IMS-POL-007 COMPETENCE MANAGEMENT SYSTEM POLICY 2019.
- IMS-PRO-086 CONTINUED PROFESSIONAL DEVELOPMENT PROCEDURE
- IMS-PRO-087 CMS PLANNING PROCEDURE
- IMS-PRO-168 PERFORMANCE MONITORING AND MEASUREMENT PROCEDURE
- IMS-UG-030 CMS USER GUIDE.
- IMS-UG-054 CMS ASSESSMENT STRATEGY USER GUIDE.
- IMS-UG-055 INTRODUCTION TO TASK BOOKS

2.6.11 A copy of the Competency Management System Policy and Certificate is contained within Appendix 1

2.7 Odour, dust, noise and emissions management

2.7.1 The management system includes measures that will be taken to manage odour, dust, noise and emissions.

2.7.2 In addition, the technical standards proposed for the management of odour, noise and other emissions, which were identified through the amenity and accident risk assessment for this application, will form part of the management system for the site.

2.7.3 The management measures are supported by the daily checks which are carried out by the technically competent managers who will consider the most appropriate action to take.

2.3.5 Specific procedures relevant to this will be:

- IMS-FRM-019 Environmental Aspects and Impacts Form
- STC WI 004 Soil Treatment and Process Monitoring Procedure
- STC WI 007 Environmental Monitoring
- STC WI 008 Biofilter Maintenance and Monitoring
- IMS-FRM-025 Daily Monitoring Form
- IMS-FRM-065 Environmental Monitoring Non-Conformance Form
- IMS-FRM-068 Emergency Management Plan
- IMS-PRO-005 CAR Response Procedure
- IMS-PRO-013 Accident and Incident Reporting Procedure
- IMS-PRO-014 Preventive and Corrective Action
- IMS-PRO-016 Aspects and Impacts Procedure
- IMS-PRO-044 Environmental Monitoring Procedure
- IMS-PRO-051 Environmental Installation Checks Procedure
- IMS-PRO-062 Control of Noise at Work Procedure
- IMS-PRO-089 Waste Acceptance Procedure
- IMS-PRO-093 Amenity Impact Control Procedure
- IMS-PRO-094 Waste Handling Procedure
- IMS-PRO-101 Monthly Site Inspection Procedure
- IMS-UG-015 Permit Breach Notification Guidance
- IMS-UG-016 Environmental Permit Installation Checks Guidance
- IMS-UG-017 Landfill Monitoring and Analysis Guidance
- IMS-UG-018 Environmental Aspects Assessment Guide

2.8 Documentation of legislative and other requirements

2.8.1 Copies of planning permissions, environmental permits and other relevant permissions are kept either as paper records or electronically.

2.8.2 The technically competent managers keep up-to-date with other legal requirements and changes to relevant environmental legislation through trade magazines and the Environment Agency website.

- IMS-UG-042 Site Filing System Guidance
- IMS-UG-006 Information Area Guide
- IMS-UG-001 IMS1 Document Library User Guide

2.9 Management reviews

2.9.1 Management periodically review the environmental performance of the company through their review of environmental audit reports and the daily site records.

2.9.2 The environmental policy statement is also reviewed periodically to ensure it reflects the company's operations and its environmental objectives.

2.9.3 Specific procedures relevant to this will be:

- IMS-PRO-067 Lessons Learnt Procedure
- IMS-FRM-007 FCC Objectives and Target Report Template
- IMS-PRO-006 Management Review Procedure
- IMS-FRM-003 Management Review Agenda
- IMS-FRM-004 Management Review Meeting Minutes Template
- IMS-FRM-007 FCC Objectives and Target Report Template

Appendix 1

Certificate of Approval

This is to certify that the Management System of:

FCC Recycling (UK) Limited t/a FCC Environment (UK) Ltd.

Ground Floor West, 900 Pavilion Drive, Northampton Business Park, Northampton, NN4 7RG, United Kingdom

has been approved by LRQA to the following standards:

Competency Management System - Energy & Utility Skills (Private Standard) Version 4



David Derrick - Area Operations Manager UK & Ireland

Issued by: Lloyd's Register Quality Assurance Limited

Current Issue Date: 8 April 2019
Expiry Date: 13 March 2021
Certificate Identity Number: 10183737

Original approval(s):
CMS – 14 March 2018

Approval Number(s): CMS – 00014056

The scope of this approval is applicable to:

The operation of a Competence Management System for the management and operation of FCC sites with a waste management permit or exemption, excluding those associated with Liquid/Chemical Waste Treatment, Quarries, Energy from Waste and Collection Sites.



001

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

FCC Environment (UK) Limited
Ground Floor West
900 Pavilion Drive
Northampton
NN4 7RG
United Kingdom

Holds Certificate Number:

EMS 592767

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.

For and on behalf of BSI:



Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

Effective Date: 2019-02-12

Expiry Date: 2022-02-11



003

Page: 1 of 23

...making excellence a habit.™

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Limited Ground Floor West 900 Pavilion Drive Northampton NN4 7RG United Kingdom	Office.
FCC Environment (UK) Ltd 3 Whiterose Way Sidings Court Doncaster DN4 5NU United Kingdom	Office.
FCC Environment (UK) Ltd Rawcliffe Road Airmyn Goole DN14 6XB United Kingdom	HWRC.
FCC Environment (UK) Ltd Oaklands Gravel Pit Common Road Aldeby Beccles NR34 0BL United Kingdom	Landfill.
FCC Environment (UK) Ltd Cotes Park Industrial Estate Cotes Park Lane Somercotes Alfreton DE55 4NJ United Kingdom	Transfer Station & MRF.
FCC Environment (UK) Ltd Allerton Park Knaresborough HG5 0SD United Kingdom	Landfill.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

Effective Date: 2019-02-12

Expiry Date: 2022-02-11

Page: 2 of 23

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An electronic certificate can be authenticated [online](#).
Printed copies can be validated at www.bsigroup.com/ClientDirectory

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 345 080 9000
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Laverstock Road 20/20 Business Park Allington Maidstone ME16 0LE United Kingdom	EFW & MRF.
FCC Environment (UK) Ltd Armthorpe Road Pot Hill Doncaster DN2 5QB United Kingdom	HWRC.
FCC Environment (UK) Ltd Barnsdale Bar Quarry Long Lane Kirk Smeaton Pontefract WF8 3JX United Kingdom	Quarry.
FCC Environment (UK) Ltd Thwaite Flat Barrow-in-Furness LA14 4QH United Kingdom	Landfill and Transfer Station.
FCC Environment (UK) Ltd East Winch Road Mill Drove Blackborough End Peterborough PE32 1SW United Kingdom	Landfill.
FCC Environment (UK) Ltd Alsing Road Tinsley Sheffield S9 1HF United Kingdom	Industrial Waste Treatment.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

Effective Date: 2019-02-12

Expiry Date: 2022-02-11

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Whiteley Road Blaydon NE21 5NJ United Kingdom	Transfer Station - Clinical.
FCC Environment (UK) Ltd Guernsey Road Bletchley Milton Keynes MK3 5FR United Kingdom	Landfill & Leachate Treatment Plant.
FCC Environment (UK) Ltd Bootham Lane Dunscroft Doncaster DN7 4JT United Kingdom	HWRC.
FCC Environment (UK) Ltd Slippery Gowt Lane Wyberton Boston PE21 7AA United Kingdom	Household Waste Re-cycling Centre.
FCC Environment (UK) Ltd Brymbo Site, Off Solvay Bank Wrexham Road Broughton Wrexham LL11 5NR United Kingdom	HWRC.
FCC Environment (UK) Ltd Bryn Lane Wrexham Industrial Estate Bry Wrexham LL13 9UT United Kingdom	HWRC, Composting (IVC), TS & MRF.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

Effective Date: 2019-02-12

Expiry Date: 2022-02-11

Page: 4 of 23

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A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Weston Lane Bubbenhall Coventry CV8 3BN United Kingdom	Landfill.
FCC Environment (UK) Ltd Station Farm Brampton Road Buckden St. Neots PE19 5UH United Kingdom	Landfill, Leachate Treatment Plant and Transfer Station.
FCC Environment (UK) Ltd Marfleet Lane Hull HU9 5SD United Kingdom	HWRC.
FCC Environment (UK) Ltd Federation Road Stoke-on-Trent ST6 4HU United Kingdom	HWRC.
FCC Environment (UK) Ltd Rougham Road Bury St. Edmunds IP33 2RN United Kingdom	HWRC.
FCC Environment (UK) Ltd Brackley Lane Calvert Buckingham MK18 2HF United Kingdom	Landfill.
FCC Environment (UK) Ltd Bentley Moor Lane Adwick-le-Street Doncaster DN6 7BD United Kingdom	HWRC.

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Location	Registered Activities
FCC Environment (UK) Ltd Moor Lane Carnaby Bridlington YO16 4UU United Kingdom	HWRC, Composting , TS, MRF.
FCC Environment (UK) Ltd Barbot Hall Cottage Greasbrough Road Rotherham S61 4QL United Kingdom	HWRC.
FCC Environment (UK) Ltd Atherton Wigan M46 9BP United Kingdom	HWRC.
FCC Environment (UK) Ltd Sheepbridge Business Park Sheepbridge Chesterfield S41 9QD United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Chirk Landfill Pen-y-Bent Works Pentre Wrexham LL14 5AR United Kingdom	The operation of a non-hazardous waste landfill site.
FCC Environment (UK) Ltd Off Crabtree Road Stainby Grantham NG33 5QT United Kingdom	Landfill.

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Location	Registered Activities
FCC Environment (UK) Ltd Crookhill Road Conisbrough Doncaster DN12 2AE United Kingdom	HWRC.
FCC Environment (UK) Ltd Longwater Business Park Costessey Norwich NR5 0TL United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Gawsworth Macclesfield SK11 9QP United Kingdom	The operation of a waste transfer station and the restoration and management of a closed landfill site.
FCC Environment (UK) Ltd Daneshill Road Lound Retford DN22 8RB United Kingdom	Landfill.
FCC Environment (UK) Ltd Raynesway Park Drive Derby DE21 7BA United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Linch Hill Stanton Harcourt Oxford OX29 5BB United Kingdom	Landfill.
FCC Environment (UK) Ltd Welland Road Dogsthorpe Peterborough PE1 3TD United Kingdom	Landfill.

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Location	Registered Activities
FCC Environment (UK) Ltd Kelleythorpe Industrial Estate Driffield YO25 9DJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Main Road Sundridge Kent TN14 6EP United Kingdom	Composting.
FCC Environment (UK) Ltd Incinerator Road Off Meadow Lane Nottingham NG2 3JH United Kingdom	The operation of a facility to produce energy from waste.
FCC Environment (UK) Ltd Eaton Green Road Luton LU2 9HB United Kingdom	HWRC.
FCC Environment (UK) Ltd Starnhill Close Ecclesfield Sheffield S35 9TG United Kingdom	Industrial Waste Treatment.
FCC Environment (UK) Ltd Portway Road Rowley Regis Warley B65 9BT United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environment (UK) Ltd Carr Road Felixstowe IP11 3UT United Kingdom	HWRC.

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Location	Registered Activities
FCC Environment (UK) Ltd Fowlchurch Fowlchurch Road Leek ST13 6BH United Kingdom	HWRC & Transfer Station.
FCC Environment (UK) Ltd Unit 4 Gamma Terrace Masterlord Village West Rd, Ransomes Euro Park Ipswich IP3 9FF United Kingdom	Contract Office.
FCC Environment (UK) Ltd Market Weighton Road Holme-on-Spalding-Moor York YO43 4ED United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Nicholas Lane Goldthorpe Barnsley S63 9AS United Kingdom	HWRC.
FCC Environment (UK) Ltd Ince Lane Wimbolds Trafford Chester CH2 4JP United Kingdom	Landfill & Composting.
FCC Environment (UK) Ltd Croakett Way Hadleigh Ipswich IP7 6AH United Kingdom	HWRC.

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Location	Registered Activities
FCC Environment (UK) Ltd Homefield Road Haverhill CB9 8QP United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Coupals Road Haverhill CB9 7UR United Kingdom	HWRC.
FCC Environment (UK) Ltd Atwick Road Hornsea HU18 1DZ United Kingdom	HWRC.
FCC Environment (UK) Ltd Ferryby Road Hessle HU13 0JE United Kingdom	HWRC.
FCC Environment (UK) Ltd Queens Road Immingham DN40 1QR United Kingdom	Landfill.
FCC Environment (UK) Ltd Portmans Walk Ipswich IP1 2DW United Kingdom	HWRC.
FCC Environment (UK) Ltd Tuttle Hill Nuneaton CV10 0HU United Kingdom	HWRC.

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Location	Registered Activities
FCC Environment (UK) Ltd Tattershall Road Kirkby-on-Bain LN10 6YN United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Makerfield Way Ince Wigan WN2 2PP United Kingdom	HWRC, Transfer Station MRF and Leachate Treatment Plant.
FCC Environment (UK) Ltd Knowsthorpe Lane Knowsthorpe Leeds LS9 0PJ United Kingdom	Industrial Waste Treatment.
FCC Environment (UK) Ltd Pottergate Leadenham Lincoln LN5 0QF United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Lovers Lane Leiston IP16 4UJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Lidget Lane Ravenfield Rotherham S65 4LY United Kingdom	HWRC.

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Location	Registered Activities
FCC Environment (UK) Ltd Dixon House Joseph Noble Road Lillyhall Workington CA14 4JH United Kingdom	Landfill, Leachate Plant, & MRF.
FCC Environment (UK) Ltd Abergele Road Llanddulas Conwy LL22 8HP United Kingdom	The operation of a non-hazardous waste landfill site
FCC Environment (UK) Ltd Longshot Industrial Estate Longshot Lane Bracknell RG12 1RL United Kingdom	HWRC & Transfer Station.
FCC Environment (UK) Ltd South Lowestoft Industrial Estate Lowestoft NR33 7NF United Kingdom	HWRC and Transfer Station.
FCC Environment (UK) Ltd Kingsway Luton LU4 8AU United Kingdom	Transfer Station and MRF.
FCC Environment (UK) Ltd Common Road North Anston Rotherham S25 4AH United Kingdom	HWRC.
FCC Environment (UK) Ltd Maw Green Road Coppenhall Crewe CW1 5NG United Kingdom	The operation of a non-hazardous landfill site other than the Waste to Energy Plant.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Off A1065 Mildenhall IP28 7JQ United Kingdom	HWRC.
FCC Environment (UK) Ltd Butt Lane Milton Cambridge CB24 6DQ United Kingdom	Landfill.
FCC Environment (UK) Ltd Whisby Road North Hykeham Lincoln LN6 3QZ United Kingdom	Landfill.
FCC Environment (UK) Ltd Lower Road Brambledown Isle of Sheppey ME12 3AJ United Kingdom	Landfill.
FCC Environment (UK) Ltd Walney Road Barrow-in-Furness LA14 5UY United Kingdom	MRF.
FCC Environment (UK) Ltd Sheffield Road Springvale Penistone Barnsley S36 6HJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Station Road Southfleet DA13 9PA United Kingdom	HWRC & Transfer Station.

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Location	Registered Activities
FCC Environment (UK) Ltd Plas Madoc Site Wynnstay Industrial Estate Acrefair Wrexham LL14 3ES United Kingdom	HWRC.
FCC Environment (UK) Ltd Burnby Lane Pocklington York YO42 1UJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Staithes Road Preston Hull HU12 8TD United Kingdom	HWRC.
FCC Environment (UK) Ltd Progress Way Luton LU4 9TR United Kingdom	HWRC.
FCC Environment (UK) Ltd Tivetshall St. Margaret Diss NR15 2BA United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Rhyd Y Fro Pontardawe Swansea SA8 4RX United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Freckenham Bury St. Edmunds IP28 8LG United Kingdom	Transfer Station.

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Location	Registered Activities
FCC Environment (UK) Ltd Bankwood Lane Industrial Estate Rossington Doncaster DN37 0PS United Kingdom	HWRC.
FCC Environment (UK) Ltd Shipdham Airfield Industrial Estate Dereham IP25 7SD United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Smallmead Island Road Reading RG2 0RP United Kingdom	HWRC, Transfer Station and MRF
FCC Environment (UK) Ltd Smithies Lane Smithies Barnsley S71 1NL United Kingdom	HWRC.
FCC Environment (UK) Ltd Springwell Lane Balby Doncaster DN4 9AX United Kingdom	HWRC.
FCC Environment (UK) Ltd Grange Lane Cotham NG24 3JJ United Kingdom	The operation of a non hazardous landfill site
FCC Environment (UK) Ltd Green Lane Stewartby Bedford MK43 9LY United Kingdom	Leachate Treatment Plant.

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Location	Registered Activities
FCC Environment (UK) Ltd Old Bury Road Stowmarket IP14 1JQ United Kingdom	HWRC.
FCC Environment (UK) Ltd Sandy Lane Sudbury CO10 7HG United Kingdom	HWRC.
FCC Environment (UK) Ltd Appleford Sidings Sutton Courtenay Abingdon OX14 4PJ United Kingdom	Landfill & Composting.
FCC Environment (UK) Ltd Sutton Fields Industrial Estate Kingston Upon Hull HU7 0XF United Kingdom	HWRC.
FCC Environment (UK) Ltd Swanton Road Mill Cross Norwich NR2 4LH United Kingdom	HWRC & Transfer Station.
FCC Environment (UK) Ltd Burrell Way Thetford IP24 3QS United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Warren Vale Road Rawmarsh Rotherham S62 7RW United Kingdom	HWRC.

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Location	Registered Activities
FCC Environment (UK) Ltd Weel Road Weel Beverley HU17 0SQ United Kingdom	HWRC.
FCC Environment (UK) Ltd Boundary Lane Normanton WF6 2JA United Kingdom	Landfill & Composting.
FCC Environment (UK) Ltd Kettering Road Weldon NN17 3JG United Kingdom	Landfill.
FCC Environment (UK) Ltd West Street Worsbrough Barnsley S70 5DJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Thorpe Road Whisby Lincoln LN6 9BT United Kingdom	HWRC and LTP
FCC Environment (UK) Ltd Alco Waste Management Stephenson Industrial Estate Willowholme Carlisle CA2 5RS United Kingdom	Transfer Station, MRF, Collections and Kerbside Recycling.
FCC Environment (UK) Ltd Cleveland Street Hull HU8 7AU United Kingdom	Transfer Station.

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Location	Registered Activities
FCC Environment (UK) Ltd Wiltshire Road Industrial Estate Wiltshire Road Hull HU4 6PA United Kingdom	HWRC.
FCC Environment (UK) Ltd Coleby Road Weston Halton Winterton DN15 9AP United Kingdom	Landfill & Leachate Treatment Plant.
FCC Environment (UK) Ltd Coleby Road Weston Halton Winterton DN15 9AP United Kingdom	Landfill.
FCC Environment (UK) Ltd Hull Road Withernsea HU19 2EE United Kingdom	HWRC.
FCC Environment (UK) Ltd Solway House Moss Bay Road Workington CA14 3XH United Kingdom	Collections, Recycling, MOT Station, Street Cleansing.
FCC Environment (UK) Ltd Meikle Drumgray Road Greengairs Airdrie ML6 7TD United Kingdom	Landfill, Leachate Treatment Plant.

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Location	Registered Activities
FCC Environment (UK) Ltd Welham Lane Game Farm Welham Lane Great Bowden Leicester LE16 7FN United Kingdom	Collections, Grounds Maintenance, Street Cleansing.
FCC Environment (UK) Ltd Grafton Depot Ross Road Redhill Hereford HR2 8BH United Kingdom	Collections.
FCC Environment (UK) Ltd Hameldown Business Park Hameldown Road Okehampton EX20 1FL United Kingdom	Car Park Cleaning; Collections; Kerbside Recycling; Litter Bin Cleansing; Public Convenience Maintenance; Street Cleansing.
FCC Environment (UK) Ltd Unit 1 Dawes Way, Off Abbey View R Pinvin Pershore WR10 2FD United Kingdom	Collections; Kerbside Recycling, Litter Bin Cleansing;; Street Cleansing, Highway Cleansing.
FCC Environment (UK) Ltd Barnsdale Bar Quarry Long Lane Kirk Smeaton Pontefract WF8 3JX United Kingdom	Quarrying of Limestone and Recycling of Inert Construction Waste
FCC Environment (UK) Ltd Darrington Leys Cridling Stubbs Knottingley WF11 0AH United Kingdom	Quarrying.

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Location	Registered Activities
FCC Environment (UK) Ltd Hensall Sand Quarry New Road Hensall DN14 0RD United Kingdom	Quarrying.
FCC Environment (UK) Ltd Buckingham Household Waste Recycling Yonder Slade Buckingham Industrial Estate Buckingham MK18 1RZ United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environmental (UK) Ltd High Wycombe Household Waste Recycling Clay Lane Booker Marlow SL7 3DJ United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environment (UK) Ltd Biddulph Staff CC HWRC Bemersley Road Biddulph ST8 7QT United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Billbrook Staffs CC HWRC Pendeford Mill Lane Billbrook WV8 1JJ United Kingdom	The provision of a Household Waste and Recycling Centre.

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Location	Registered Activities
FCC Environment (UK) Ltd Burntwood Staffs CC HWRC Ring Road Chase Terrace Burntwood WS7 3JQ United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Burton u Trent Staffs CC HWRC Shobnall Road Burton-on-Trent DE14 2AU United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Cannock Staffs CC HWRC Lichfield Road Cannock WS11 8NQ United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Cheadle Staffs CC HWRC Tower Crane Drive Off New Haden Road Cheadle ST10 1FB United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Lichfield Staffs CC HWRC Trent Valley Road Lichfield WS13 6EU United Kingdom	The provision of a Household Waste and Recycling Centre.

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Location	Registered Activities
FCC Environment (UK) Ltd Newcastle Staffs CC HWRC Leycett Lane Leycett Newcastle ST5 6AD United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Rugeley Staffs CC HWRC Station Road Rugeley WS15 2HE United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Stafford Staffs CC HWRC St. Albans Road Stafford ST16 3DR United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Stone Staffs CC HWRC Beacon Road, Opan Way Stone Business Park Stone ST15 0NN United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Wombourne Staffs CC HWRC Botterham Lane Wombourne DY3 4RA United Kingdom	The provision of a Household Waste and Recycling Centre.

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Location	Registered Activities
FCC Environment (UK) Ltd Lincoln EfW Whisby Road North Hykeham Lincoln LN6 3QW United Kingdom	The generation of energy from waste.
FCC Environment (UK) Ltd 5 Chapterhouse Close Ellesmere Port CH65 4EP United Kingdom	The receipt of non-hazardous domestic and commercial wastes and their treatment to derive fuel material and recovered metals: the disposal of the residual materials to landfill.
FCC Environment (UK) Ltd Greatmoor EfW Greatmoor Road Woodham Aylesbury HP18 0AF United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environment (UK) Ltd Unit 81 Bison Place Moss Side Industrial Estate Leyland PR26 7QR United Kingdom	Collection of Domestic and Commercial waste
FCC Environment (UK) Ltd High Heavens Transfer Station Clay Lane Booker High Wycombe SL7 3DJ United Kingdom	Operation of a waste transfer station

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Competence Management System (CMS) Policy

At FCC Environment we are committed to securing a competent workforce proficient in the delivery of their role responsibilities and ensuring compliance with all relevant legal & regulatory requirements.

FCC has chosen to implement the Operator Competence System developed by Energy & Utility Skills (EU Skills) and Environmental Services Association (ESA) 'Competence Management System' (CMS). The CMS is approved by DEFRA and the Environment Agency to satisfy the Environmental Permit competency requirement. This policy, along with the associated procedures, upholds our application of the Energy & Utility Skills Council Standard for Competence Management (CMS) and affirms our method for delivering technical competence across our operational activities. The FCC Competency Management System shall support; The Environmental Permitting Regulations.

People Focus

The FCC CMS will assure the company, individuals and external bodies that the workforce is competent and that competence for upholding regulatory requirements, process safety, and environmental protection in the workplace will be maintained. Through consistent assessment practice, we will evaluate knowledge, understanding & individual application of permit regulation and our management system procedures. Where skills gaps are identified we will be investing in our people and encouraging excellence, delivering training, experience and opportunities for development & progression. Our commitment to the CMS system will be communicated to employees across the business via designated communication links and it will formally recognise individual capabilities and contributions to the organisation.

Doing the Right Thing

We will set up designated methods to communicate our commitment to the CMS and monitor its effectiveness via a comprehensive Internal Quality Assurance program. Furthermore we will monitor our company compliance results and ensure regular review of our CMS to reflect the current scope and to capture any modifications to permit requirements, company objectives or changes in legislation.

The objectives of the CMS will be set annually to measure progress towards continuous improvement and meeting our commitments under the system.

The active scope for the CMS is:-

- To implement the CMS where there is a legislative requirement for technical competence cover on FCC's permitted and exempt facilities; (Landfill / HWRC / TS / MRF / Compost / WTD / IVC / MBT) by employing a phased assessment of competence of Managers, Supervisors Leachate Technicians and Landfill Compliance Advisors

The current CMS Objectives are to:-

- Approve the required criteria (Task Book) for assessment of candidates
 - Landfill Compliance Advisors
 - Leachate Technicians
- Review & revise (as required) Task Books to ensure the content of the CMS remains sufficient and relevant to all permit and legal requirements
- Review Assessment Practice to ensure standardisation and quality
- Review the effectiveness of the CMS in association with SHEQ reporting
- These objectives will be measured, monitored and progressed within senior management meetings and reported, along with any actions within the monthly CMS Report.

The CMS Targets are:-

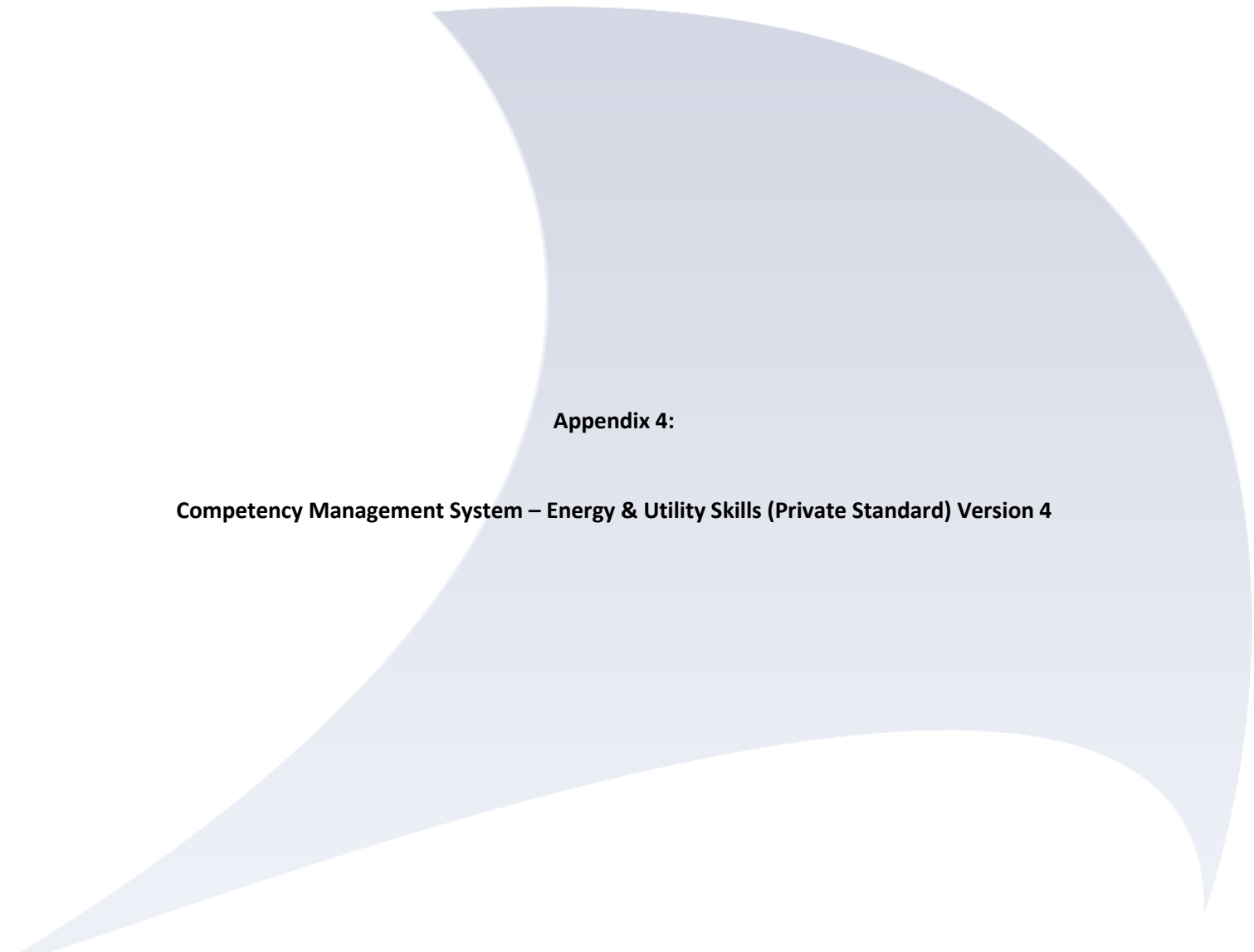
- To complete stage 2 of CMS assessment of our supervisors at the permitted facilities, as listed above, by March 2019
- Complete Internal Quality Assurance of Stage 2 Assessments by September 2019
- Ensure Continued Professional Development is maintained for all CMS certified employees
- To complete the assessment of Landfill Compliance Advisors by February 2020
- To identify and approve the required competence criteria (Task Book) for Leachate Technicians

Paul Taylor
Chief Executive Officer
FCC Environment

Date: 16 January 2019



Registered Office: Parc Menai, Bangor, Gwynedd, LL57 4FG
Tel: 01248 672666
Fax: 01248 672601
Email: contact@caulmert.com
Web: www.caulmert.com



Appendix 4:

Competency Management System – Energy & Utility Skills (Private Standard) Version 4

Certificate of Approval

This is to certify that the Management System of:

FCC Recycling (UK) Limited t/a FCC Environment (UK) Ltd.

Ground Floor West, 900 Pavilion Drive, Northampton Business Park, Northampton, NN4 7RG, United Kingdom

has been approved by LRQA to the following standards:

Competency Management System - Energy & Utility Skills (Private Standard) Version 4



David Derrick - Area Operations Manager UK & Ireland

Issued by: Lloyd's Register Quality Assurance Limited

Current Issue Date: 8 April 2019
Expiry Date: 13 March 2021
Certificate Identity Number: 10183737

Original approval(s):
CMS – 14 March 2018

Approval Number(s): CMS – 00014056

The scope of this approval is applicable to:

The operation of a Competence Management System for the management and operation of FCC sites with a waste management permit or exemption, excluding those associated with Liquid/Chemical Waste Treatment, Quarries, Energy from Waste and Collection Sites.



001

Certificate of Registration

ENVIRONMENTAL MANAGEMENT SYSTEM - ISO 14001:2015

This is to certify that:

FCC Environment (UK) Limited
Ground Floor West
900 Pavilion Drive
Northampton
NN4 7RG
United Kingdom

Holds Certificate Number:

EMS 592767

and operates an Environmental Management System which complies with the requirements of ISO 14001:2015 for the following scope:

Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.

For and on behalf of BSI:



Andrew Launn, EMEA Systems Certification Director

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

Effective Date: 2019-02-12

Expiry Date: 2022-02-11



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...making excellence a habit.™

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Limited Ground Floor West 900 Pavilion Drive Northampton NN4 7RG United Kingdom	Office.
FCC Environment (UK) Ltd 3 Whiterose Way Sidings Court Doncaster DN4 5NU United Kingdom	Office.
FCC Environment (UK) Ltd Rawcliffe Road Airmyn Goole DN14 6XB United Kingdom	HWRC.
FCC Environment (UK) Ltd Oaklands Gravel Pit Common Road Aldeby Beccles NR34 0BL United Kingdom	Landfill.
FCC Environment (UK) Ltd Cotes Park Industrial Estate Cotes Park Lane Somercotes Alfreton DE55 4NJ United Kingdom	Transfer Station & MRF.
FCC Environment (UK) Ltd Allerton Park Knaresborough HG5 0SD United Kingdom	Landfill.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

Effective Date: 2019-02-12

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Laverstock Road 20/20 Business Park Allington Maidstone ME16 0LE United Kingdom	EFW & MRF.
FCC Environment (UK) Ltd Armthorpe Road Pot Hill Doncaster DN2 5QB United Kingdom	HWRC.
FCC Environment (UK) Ltd Barnsdale Bar Quarry Long Lane Kirk Smeaton Pontefract WF8 3JX United Kingdom	Quarry.
FCC Environment (UK) Ltd Thwaite Flat Barrow-in-Furness LA14 4QH United Kingdom	Landfill and Transfer Station.
FCC Environment (UK) Ltd East Winch Road Mill Drove Blackborough End Peterborough PE32 1SW United Kingdom	Landfill.
FCC Environment (UK) Ltd Alsing Road Tinsley Sheffield S9 1HF United Kingdom	Industrial Waste Treatment.

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Latest Revision Date: 2019-01-23

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Whiteley Road Blaydon NE21 5NJ United Kingdom	Transfer Station - Clinical.
FCC Environment (UK) Ltd Guernsey Road Bletchley Milton Keynes MK3 5FR United Kingdom	Landfill & Leachate Treatment Plant.
FCC Environment (UK) Ltd Bootham Lane Dunscroft Doncaster DN7 4JT United Kingdom	HWRC.
FCC Environment (UK) Ltd Slippery Gowt Lane Wyberton Boston PE21 7AA United Kingdom	Household Waste Re-cycling Centre.
FCC Environment (UK) Ltd Brymbo Site, Off Solvay Bank Wrexham Road Broughton Wrexham LL11 5NR United Kingdom	HWRC.
FCC Environment (UK) Ltd Bryn Lane Wrexham Industrial Estate Bry Wrexham LL13 9UT United Kingdom	HWRC, Composting (IVC), TS & MRF.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Weston Lane Bubbenhall Coventry CV8 3BN United Kingdom	Landfill.
FCC Environment (UK) Ltd Station Farm Brampton Road Buckden St. Neots PE19 5UH United Kingdom	Landfill, Leachate Treatment Plant and Transfer Station.
FCC Environment (UK) Ltd Marfleet Lane Hull HU9 5SD United Kingdom	HWRC.
FCC Environment (UK) Ltd Federation Road Stoke-on-Trent ST6 4HU United Kingdom	HWRC.
FCC Environment (UK) Ltd Rougham Road Bury St. Edmunds IP33 2RN United Kingdom	HWRC.
FCC Environment (UK) Ltd Brackley Lane Calvert Buckingham MK18 2HF United Kingdom	Landfill.
FCC Environment (UK) Ltd Bentley Moor Lane Adwick-le-Street Doncaster DN6 7BD United Kingdom	HWRC.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Moor Lane Carnaby Bridlington YO16 4UU United Kingdom	HWRC, Composting , TS, MRF.
FCC Environment (UK) Ltd Barbot Hall Cottage Greasbrough Road Rotherham S61 4QL United Kingdom	HWRC.
FCC Environment (UK) Ltd Atherton Wigan M46 9BP United Kingdom	HWRC.
FCC Environment (UK) Ltd Sheepbridge Business Park Sheepbridge Chesterfield S41 9QD United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Chirk Landfill Pen-y-Bent Works Pentre Wrexham LL14 5AR United Kingdom	The operation of a non-hazardous waste landfill site.
FCC Environment (UK) Ltd Off Crabtree Road Stainby Grantham NG33 5QT United Kingdom	Landfill.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Crookhill Road Conisbrough Doncaster DN12 2AE United Kingdom	HWRC.
FCC Environment (UK) Ltd Longwater Business Park Costessey Norwich NR5 0TL United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Gawsworth Macclesfield SK11 9QP United Kingdom	The operation of a waste transfer station and the restoration and management of a closed landfill site.
FCC Environment (UK) Ltd Daneshill Road Lound Retford DN22 8RB United Kingdom	Landfill.
FCC Environment (UK) Ltd Raynesway Park Drive Derby DE21 7BA United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Linch Hill Stanton Harcourt Oxford OX29 5BB United Kingdom	Landfill.
FCC Environment (UK) Ltd Welland Road Dogsthorpe Peterborough PE1 3TD United Kingdom	Landfill.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Kelleythorpe Industrial Estate Driffield YO25 9DJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Main Road Sundridge Kent TN14 6EP United Kingdom	Composting.
FCC Environment (UK) Ltd Incinerator Road Off Meadow Lane Nottingham NG2 3JH United Kingdom	The operation of a facility to produce energy from waste.
FCC Environment (UK) Ltd Eaton Green Road Luton LU2 9HB United Kingdom	HWRC.
FCC Environment (UK) Ltd Starnhill Close Ecclesfield Sheffield S35 9TG United Kingdom	Industrial Waste Treatment.
FCC Environment (UK) Ltd Portway Road Rowley Regis Warley B65 9BT United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environment (UK) Ltd Carr Road Felixstowe IP11 3UT United Kingdom	HWRC.

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Location	Registered Activities
FCC Environment (UK) Ltd Fowlchurch Fowlchurch Road Leek ST13 6BH United Kingdom	HWRC & Transfer Station.
FCC Environment (UK) Ltd Unit 4 Gamma Terrace Masterlord Village West Rd, Ransomes Euro Park Ipswich IP3 9FF United Kingdom	Contract Office.
FCC Environment (UK) Ltd Market Weighton Road Holme-on-Spalding-Moor York YO43 4ED United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Nicholas Lane Goldthorpe Barnsley S63 9AS United Kingdom	HWRC.
FCC Environment (UK) Ltd Ince Lane Wimbolds Trafford Chester CH2 4JP United Kingdom	Landfill & Composting.
FCC Environment (UK) Ltd Croakett Way Hadleigh Ipswich IP7 6AH United Kingdom	HWRC.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Homefield Road Haverhill CB9 8QP United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Coupals Road Haverhill CB9 7UR United Kingdom	HWRC.
FCC Environment (UK) Ltd Atwick Road Hornsea HU18 1DZ United Kingdom	HWRC.
FCC Environment (UK) Ltd Ferryby Road Hessle HU13 0JE United Kingdom	HWRC.
FCC Environment (UK) Ltd Queens Road Immingham DN40 1QR United Kingdom	Landfill.
FCC Environment (UK) Ltd Portmans Walk Ipswich IP1 2DW United Kingdom	HWRC.
FCC Environment (UK) Ltd Tuttle Hill Nuneaton CV10 0HU United Kingdom	HWRC.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Tattershall Road Kirkby-on-Bain LN10 6YN United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Makerfield Way Ince Wigan WN2 2PP United Kingdom	HWRC, Transfer Station MRF and Leachate Treatment Plant.
FCC Environment (UK) Ltd Knowsthorpe Lane Knowsthorpe Leeds LS9 0PJ United Kingdom	Industrial Waste Treatment.
FCC Environment (UK) Ltd Pottergate Leadenham Lincoln LN5 0QF United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Lovers Lane Leiston IP16 4UJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Lidget Lane Ravenfield Rotherham S65 4LY United Kingdom	HWRC.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Dixon House Joseph Noble Road Lillyhall Workington CA14 4JH United Kingdom	Landfill, Leachate Plant, & MRF.
FCC Environment (UK) Ltd Abergele Road Llanddulas Conwy LL22 8HP United Kingdom	The operation of a non-hazardous waste landfill site
FCC Environment (UK) Ltd Longshot Industrial Estate Longshot Lane Bracknell RG12 1RL United Kingdom	HWRC & Transfer Station.
FCC Environment (UK) Ltd South Lowestoft Industrial Estate Lowestoft NR33 7NF United Kingdom	HWRC and Transfer Station.
FCC Environment (UK) Ltd Kingsway Luton LU4 8AU United Kingdom	Transfer Station and MRF.
FCC Environment (UK) Ltd Common Road North Anston Rotherham S25 4AH United Kingdom	HWRC.
FCC Environment (UK) Ltd Maw Green Road Coppenhall Crewe CW1 5NG United Kingdom	The operation of a non-hazardous landfill site other than the Waste to Energy Plant.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Off A1065 Mildenhall IP28 7JQ United Kingdom	HWRC.
FCC Environment (UK) Ltd Butt Lane Milton Cambridge CB24 6DQ United Kingdom	Landfill.
FCC Environment (UK) Ltd Whisby Road North Hykeham Lincoln LN6 3QZ United Kingdom	Landfill.
FCC Environment (UK) Ltd Lower Road Brambledown Isle of Sheppey ME12 3AJ United Kingdom	Landfill.
FCC Environment (UK) Ltd Walney Road Barrow-in-Furness LA14 5UY United Kingdom	MRF.
FCC Environment (UK) Ltd Sheffield Road Springvale Penistone Barnsley S36 6HJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Station Road Southfleet DA13 9PA United Kingdom	HWRC & Transfer Station.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Plas Madoc Site Wynnstay Industrial Estate Acrefair Wrexham LL14 3ES United Kingdom	HWRC.
FCC Environment (UK) Ltd Burnby Lane Pocklington York YO42 1UJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Staithes Road Preston Hull HU12 8TD United Kingdom	HWRC.
FCC Environment (UK) Ltd Progress Way Luton LU4 9TR United Kingdom	HWRC.
FCC Environment (UK) Ltd Tivetshall St. Margaret Diss NR15 2BA United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Rhyd Y Fro Pontardawe Swansea SA8 4RX United Kingdom	Landfill & HWRC.
FCC Environment (UK) Ltd Freckenham Bury St. Edmunds IP28 8LG United Kingdom	Transfer Station.

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A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Bankwood Lane Industrial Estate Rossington Doncaster DN37 0PS United Kingdom	HWRC.
FCC Environment (UK) Ltd Shipdham Airfield Industrial Estate Dereham IP25 7SD United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Smallmead Island Road Reading RG2 0RP United Kingdom	HWRC, Transfer Station and MRF
FCC Environment (UK) Ltd Smithies Lane Smithies Barnsley S71 1NL United Kingdom	HWRC.
FCC Environment (UK) Ltd Springwell Lane Balby Doncaster DN4 9AX United Kingdom	HWRC.
FCC Environment (UK) Ltd Grange Lane Cotham NG24 3JJ United Kingdom	The operation of a non hazardous landfill site
FCC Environment (UK) Ltd Green Lane Stewartby Bedford MK43 9LY United Kingdom	Leachate Treatment Plant.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

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A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Old Bury Road Stowmarket IP14 1JQ United Kingdom	HWRC.
FCC Environment (UK) Ltd Sandy Lane Sudbury CO10 7HG United Kingdom	HWRC.
FCC Environment (UK) Ltd Appleford Sidings Sutton Courtenay Abingdon OX14 4PJ United Kingdom	Landfill & Composting.
FCC Environment (UK) Ltd Sutton Fields Industrial Estate Kingston Upon Hull HU7 0XF United Kingdom	HWRC.
FCC Environment (UK) Ltd Swanton Road Mill Cross Norwich NR2 4LH United Kingdom	HWRC & Transfer Station.
FCC Environment (UK) Ltd Burrell Way Thetford IP24 3QS United Kingdom	Transfer Station.
FCC Environment (UK) Ltd Warren Vale Road Rawmarsh Rotherham S62 7RW United Kingdom	HWRC.

Original Registration Date: 2010-07-18

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A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Weel Road Weel Beverley HU17 0SQ United Kingdom	HWRC.
FCC Environment (UK) Ltd Boundary Lane Normanton WF6 2JA United Kingdom	Landfill & Composting.
FCC Environment (UK) Ltd Kettering Road Weldon NN17 3JG United Kingdom	Landfill.
FCC Environment (UK) Ltd West Street Worsbrough Barnsley S70 5DJ United Kingdom	HWRC.
FCC Environment (UK) Ltd Thorpe Road Whisby Lincoln LN6 9BT United Kingdom	HWRC and LTP
FCC Environment (UK) Ltd Alco Waste Management Stephenson Industrial Estate Willowholme Carlisle CA2 5RS United Kingdom	Transfer Station, MRF, Collections and Kerbside Recycling.
FCC Environment (UK) Ltd Cleveland Street Hull HU8 7AU United Kingdom	Transfer Station.

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A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Wiltshire Road Industrial Estate Wiltshire Road Hull HU4 6PA United Kingdom	HWRC.
FCC Environment (UK) Ltd Coleby Road Weston Halton Winterton DN15 9AP United Kingdom	Landfill & Leachate Treatment Plant.
FCC Environment (UK) Ltd Coleby Road Weston Halton Winterton DN15 9AP United Kingdom	Landfill.
FCC Environment (UK) Ltd Hull Road Withernsea HU19 2EE United Kingdom	HWRC.
FCC Environment (UK) Ltd Solway House Moss Bay Road Workington CA14 3XH United Kingdom	Collections, Recycling, MOT Station, Street Cleansing.
FCC Environment (UK) Ltd Meikle Drumgray Road Greengairs Airdrie ML6 7TD United Kingdom	Landfill, Leachate Treatment Plant.

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Latest Revision Date: 2019-01-23

Effective Date: 2019-02-12

Expiry Date: 2022-02-11

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A Member of the BSI Group of Companies.

Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Welham Lane Game Farm Welham Lane Great Bowden Leicester LE16 7FN United Kingdom	Collections, Grounds Maintenance, Street Cleansing.
FCC Environment (UK) Ltd Grafton Depot Ross Road Redhill Hereford HR2 8BH United Kingdom	Collections.
FCC Environment (UK) Ltd Hameldown Business Park Hameldown Road Okehampton EX20 1FL United Kingdom	Car Park Cleaning; Collections; Kerbside Recycling; Litter Bin Cleansing; Public Convenience Maintenance; Street Cleansing.
FCC Environment (UK) Ltd Unit 1 Dawes Way, Off Abbey View R Pinvin Pershore WR10 2FD United Kingdom	Collections; Kerbside Recycling, Litter Bin Cleansing;; Street Cleansing, Highway Cleansing.
FCC Environment (UK) Ltd Barnsdale Bar Quarry Long Lane Kirk Smeaton Pontefract WF8 3JX United Kingdom	Quarrying of Limestone and Recycling of Inert Construction Waste
FCC Environment (UK) Ltd Darrington Leys Cridling Stubbs Knottingley WF11 0AH United Kingdom	Quarrying.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Hensall Sand Quarry New Road Hensall DN14 0RD United Kingdom	Quarrying.
FCC Environment (UK) Ltd Buckingham Household Waste Recycling Yonder Slade Buckingham Industrial Estate Buckingham MK18 1RZ United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environmental (UK) Ltd High Wycombe Household Waste Recycling Clay Lane Booker Marlow SL7 3DJ United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environment (UK) Ltd Biddulph Staff CC HWRC Bemersley Road Biddulph ST8 7QT United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Billbrook Staffs CC HWRC Pendeford Mill Lane Billbrook WV8 1JJ United Kingdom	The provision of a Household Waste and Recycling Centre.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Burntwood Staffs CC HWRC Ring Road Chase Terrace Burntwood WS7 3JQ United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Burton u Trent Staffs CC HWRC Shobnall Road Burton-on-Trent DE14 2AU United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Cannock Staffs CC HWRC Lichfield Road Cannock WS11 8NQ United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Cheadle Staffs CC HWRC Tower Crane Drive Off New Haden Road Cheadle ST10 1FB United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Lichfield Staffs CC HWRC Trent Valley Road Lichfield WS13 6EU United Kingdom	The provision of a Household Waste and Recycling Centre.

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Newcastle Staffs CC HWRC Leycett Lane Leycett Newcastle ST5 6AD United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Rugeley Staffs CC HWRC Station Road Rugeley WS15 2HE United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Stafford Staffs CC HWRC St. Albans Road Stafford ST16 3DR United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Stone Staffs CC HWRC Beacon Road, Opan Way Stone Business Park Stone ST15 0NN United Kingdom	The provision of a Household Waste and Recycling Centre.
FCC Environment (UK) Ltd Wombourne Staffs CC HWRC Botterham Lane Wombourne DY3 4RA United Kingdom	The provision of a Household Waste and Recycling Centre.

Original Registration Date: 2010-07-18

Latest Revision Date: 2019-01-23

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Certificate No: EMS 592767

Location	Registered Activities
FCC Environment (UK) Ltd Lincoln EfW Whisby Road North Hykeham Lincoln LN6 3QW United Kingdom	The generation of energy from waste.
FCC Environment (UK) Ltd 5 Chapterhouse Close Ellesmere Port CH65 4EP United Kingdom	The receipt of non-hazardous domestic and commercial wastes and their treatment to derive fuel material and recovered metals: the disposal of the residual materials to landfill.
FCC Environment (UK) Ltd Greatmoor EfW Greatmoor Road Woodham Aylesbury HP18 0AF United Kingdom	Recycling, waste management and quarrying activities at operational recycling/waste management sites, vehicle depots, workshops and quarries.
FCC Environment (UK) Ltd Unit 81 Bison Place Moss Side Industrial Estate Leyland PR26 7QR United Kingdom	Collection of Domestic and Commercial waste
FCC Environment (UK) Ltd High Heavens Transfer Station Clay Lane Booker High Wycombe SL7 3DJ United Kingdom	Operation of a waste transfer station

Original Registration Date: 2010-07-18

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Competence Management System (CMS) Policy

At FCC Environment we are committed to securing a competent workforce proficient in the delivery of their role responsibilities and ensuring compliance with all relevant legal & regulatory requirements.

FCC has chosen to implement the Operator Competence System developed by Energy & Utility Skills (EU Skills) and Environmental Services Association (ESA) 'Competence Management System' (CMS). The CMS is approved by DEFRA and the Environment Agency to satisfy the Environmental Permit competency requirement. This policy, along with the associated procedures, upholds our application of the Energy & Utility Skills Council Standard for Competence Management (CMS) and affirms our method for delivering technical competence across our operational activities. The FCC Competency Management System shall support; The Environmental Permitting Regulations.

People Focus

The FCC CMS will assure the company, individuals and external bodies that the workforce is competent and that competence for upholding regulatory requirements, process safety, and environmental protection in the workplace will be maintained. Through consistent assessment practice, we will evaluate knowledge, understanding & individual application of permit regulation and our management system procedures. Where skills gaps are identified we will be investing in our people and encouraging excellence, delivering training, experience and opportunities for development & progression. Our commitment to the CMS system will be communicated to employees across the business via designated communication links and it will formally recognise individual capabilities and contributions to the organisation.

Doing the Right Thing

We will set up designated methods to communicate our commitment to the CMS and monitor its effectiveness via a comprehensive Internal Quality Assurance program. Furthermore we will monitor our company compliance results and ensure regular review of our CMS to reflect the current scope and to capture any modifications to permit requirements, company objectives or changes in legislation.

The objectives of the CMS will be set annually to measure progress towards continuous improvement and meeting our commitments under the system.

The active scope for the CMS is:-

- To implement the CMS where there is a legislative requirement for technical competence cover on FCC's permitted and exempt facilities; (Landfill / HWRC / TS / MRF / Compost / WTD / IVC / MBT) by employing a phased assessment of competence of Managers, Supervisors Leachate Technicians and Landfill Compliance Advisors

The current CMS Objectives are to:-

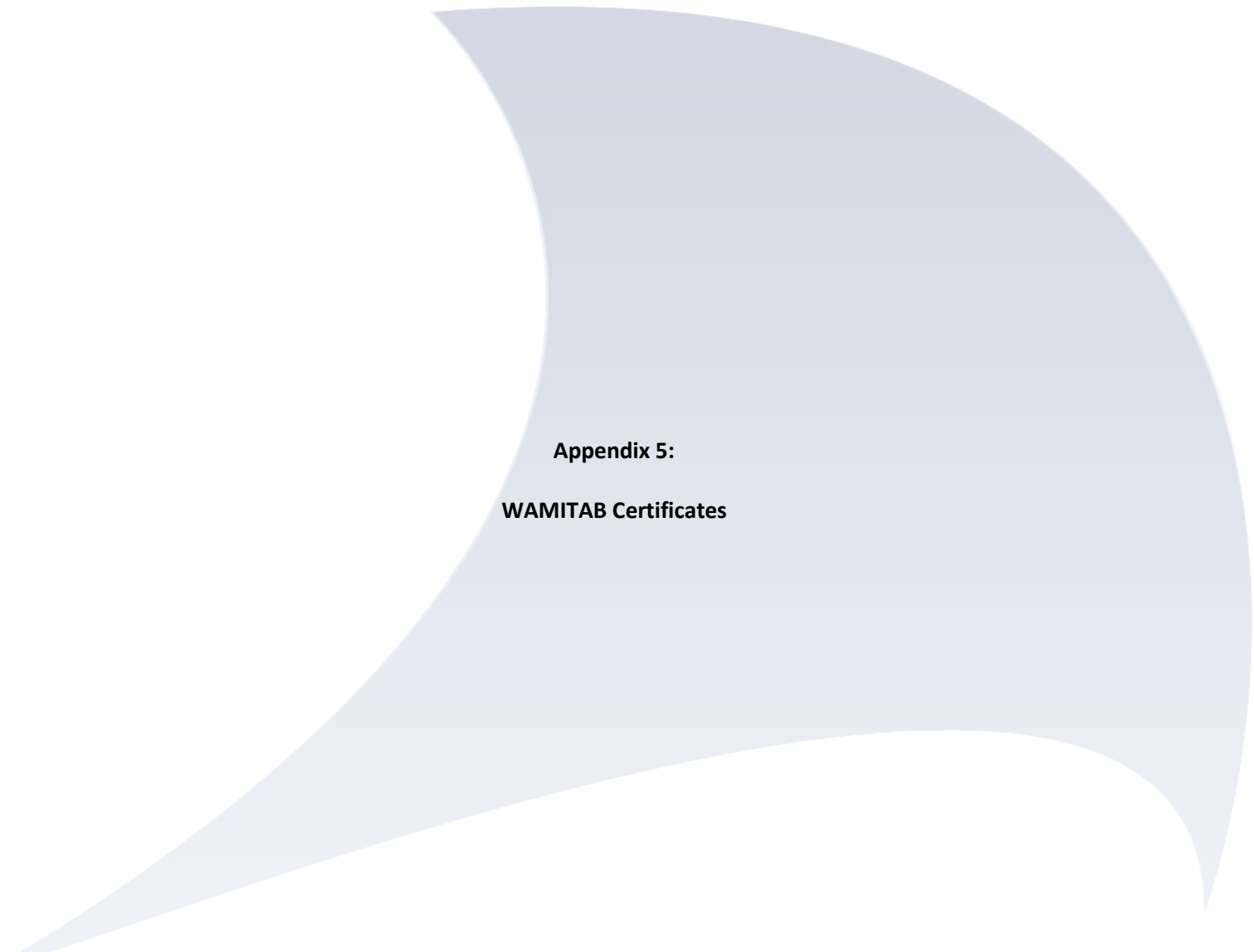
- Approve the required criteria (Task Book) for assessment of candidates
 - Landfill Compliance Advisors
 - Leachate Technicians
- Review & revise (as required) Task Books to ensure the content of the CMS remains sufficient and relevant to all permit and legal requirements
- Review Assessment Practice to ensure standardisation and quality
- Review the effectiveness of the CMS in association with SHEQ reporting
- These objectives will be measured, monitored and progressed within senior management meetings and reported, along with any actions within the monthly CMS Report.

The CMS Targets are:-

- To complete stage 2 of CMS assessment of our supervisors at the permitted facilities, as listed above, by March 2019
- Complete Internal Quality Assurance of Stage 2 Assessments by September 2019
- Ensure Continued Professional Development is maintained for all CMS certified employees
- To complete the assessment of Landfill Compliance Advisors by February 2020
- To identify and approve the required competence criteria (Task Book) for Leachate Technicians

Paul Taylor
Chief Executive Officer
FCC Environment

Date: 16 January 2019



Appendix 5:
WAMITAB Certificates



Certificate No. OCC4246

Operator Competence Certificate

Qualification Title:

**Managing Physical & Chemical Treatment - Hazardous Waste :
Remediation of Contaminated Land - 4MPTHR**

This Certificate is awarded to

Andrew Clee

Awarded: 22/10/2013

Authorised

A handwritten signature in blue ink, appearing to read "Alan James".

WAMITAB Chief Executive Officer

A handwritten signature in blue 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.



00041135



Certificate No: 13134

CERTIFICATE OF TECHNICAL COMPETENCE

This Certificate confirms that

Andrew Clee

*Has demonstrated the standard of technical competence required for the
management of a facility of the type set out below*

Facility Type

Level 4 in Waste Management Operations - Managing

Treatment Hazardous Waste (Remediation 4TMHCL)

Authorising Signatures:

Chief Executive Officer

A handwritten signature in black ink, appearing to read "A. James", written over a horizontal line.

Director:

A handwritten signature in black ink, appearing to read "P. Jones", written over a horizontal line.

Date of issue: 22 October 2013



00020194



Continuing Competence Certificate

This certificate confirms that

Andrew Clee

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 21/11/2019

TMH	Treatment - Hazardous Waste
TMNH	Treatment - Non Hazardous Waste
CLR	Contaminated Land Remediation

Expiry Date:
21/11/2021

Verification date: 20/11/2019

Authorised:

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

WAMITAB Chief Executive Officer

Learner ID: 19274

Certificate No.: 5154372

Date of Issue: 21/11/2019

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

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management



00140034

WAMITAB

WASTE MANAGEMENT INDUSTRY TRAINING AND ADVISORY BOARD

CERTIFICATE No: 05700

CERTIFICATE OF TECHNICAL COMPETENCE

This Certificate confirms that

Jonathan Owens

has demonstrated the standard of technical competence required for the management
of a facility of the type set out below

Facility Type:

Level 4 in Waste Management Operations -

Managing Treatment Hazardous Waste (4TMH)



Authorising Signatures:

Director General

[Signature]

Director

[Signature]

Date of issue:

26 January 2004



Certificate No. CCC18393

Continuing Competence Certificate

This certificate confirms that

Jonathan Owens

Has met the relevant requirements of the Continuing Competence scheme for the following award(s) which will remain current for two years from 13/07/2018

TMH Treatment - Hazardous Waste

Awarded: 13/07/2018

Expiry Date:
13/07/2020

Authorised

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

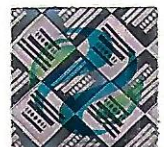
WAMITAB Chief Executive Officer

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

CIWM Chief Executive Officer



The Chartered Institution
of Wastes Management



00111775



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