ENVIRONMENTAL PERMIT APPLICATION – NON-TECHNICAL SUMMARY

CARDIFF WASTE MANAGEMENT RESOURCE CENTRE
WATERSIDE BUSINESS PARK
LAMBY WAY
RUMNEY
CARDIFF
CF3 2EQ

Document Reference: BF5023/04
May 2020

Project Quality Assurance
Information Sheet

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Report Status : FINAL

Report Reference : BF5023/04

Report Date : May 2020

Prepared for : Biffa Waste Services Limited

Prepared by : Sirius Environmental Limited
The Beacon Centre for Enterprise
Dafen
Llanelli
SA14 8LQ

Written by :

Michael Knott BSc (Hons) MSc FGS AIEMA AssocMCIWM
Environmental Consultant

Reviewed by :

Dylan Thomas BSc (Hons) PGDip MCIWM
Principal Environmental Consultant

Approved by :

Mark Griffiths BSc (Hons) MSc CEnv MCIWM CGeol
Environmental Director

Revision	Date	Amendment Details	Author	Reviewer

NON-TECHNICAL SUMMARY

Biffa Waste Services (Biffa) are applying for a bespoke Environmental Permit to operate both a Hazardous Waste Transfer Station and a Non-Hazardous Waste Transfer Station at a site in Rumney, Cardiff. The site extends over an area of 0.7Ha and is centred at National Grid Reference: ST 22019 78619. The site is situated within an established industrial estate separated from nearby residential properties by well established vegetation and a mainline railway line. The operations at this facility will replace and mirror Biffa's existing facility located at Curran Bank, Riverside, Cardiff (Permit Ref.: SP3031SJ/V002 and EAWML30032)

The site will consist of internal and external operational areas.

External operations will be carried out in two distinct areas. The entirety of the site will be covered by impermeable concrete or tarmac surfacing over which operations will be restricted to the storage of empty gas containers or the unloading/loading of waste. The engineered surfaces within the external operational area will be installed in such a way that they direct collected surface water to a Sustainable Drainage System consisting of Gattic Slot Channels and sealed pipework which directs intercepted water through a series of fuel interceptors from where water is discharged to public surface water sewer at a control rate of flow. In the event of a spill, leak, fire or other incident that could result in contaminants entering the drainage network the risk to the surrounding environment will be limited as prior to discharge collected surface water drainage must pass through a flow control chamber which can be shut-off to prevent unwanted discharges to surface waters.

Internal operations undertaken at the proposed site will be contained within three building footprints which will be segregated into individual storage bays. Within these buildings waste will be blended, bulked, re-packaged and stored pending onward transportation. As with the previously discussed external operational areas, the internal operational areas will be located on engineered impermeable surfacing. To prevent leachate, leaks or spills draining outside of these buildings and entering the external drainage network the floors will be constructed with gradients that fall to the rear of the storage bays where leachate, leaks or spills are collected within a linear drainage channel and directed to a designated storage tank. Each storage bay will contain its own linear drainage channel and designated storage tank. Roof waters will be collected by guttering and discharge into the aforementioned surface water drainage system servicing the external operational areas.

The proposed Hazardous Waste Transfer Station will operate according to written Standard Operating Procedures and all elements associated with the operation of the Hazardous Waste Transfer Station comply with Best Available Technique requirements specified in UK Sector Guidance Note IPPC S5.06, Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste, December 2004). These procedures are summarised and presented in the accompanying Supporting Statement along with corresponding, baseline site condition report amenity and accident risk assessments.