



**ENVIRONMENTAL PERMIT PART-SURRENDER APPLICATION  
– SUPPORTING STATEMENT**

**CHIRK LANDFILL SITE  
PEN-Y-BONT WORKS  
CHIRK  
WREXHAM  
LL14 5AR**

**Document Reference: WR7449/03/SS.R0  
November 2021**



**Project Quality Assurance  
Information Sheet**

**SUPPORTING STATEMENT**

**CHIRK LANDFILL SITE, PEN-Y-BONT WORKS, CHIRK, WREXHAM, LL14 5AR**

**Report Status** : FINAL

**Report Reference** : WR7449/03/SS.R0

**Report Date** : November 2021

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Revision	Date	Amendment Details	Author	Reviewer
0	November 2021	First Issue	MK	DT

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**ENVIRONMENTAL PERMIT (REF.: EPR/GP3830BG) PART-SURRENDER  
APPLICATION**

**SUPPORTING STATEMENT**

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## **1.0 INTRODUCTION**

### **1.1 Scope & Background**

- 1.1.1 Sirius Environmental Limited (Sirius) has been appointed by FCC Waste Services (UK) Limited (FCC) to assist with the preparation of an Environmental Permit Part-Surrender Application for Chirk Landfill Site, Near Chirk, Wrexham. This application is being made to surrender an area to the south and east of the landfill void which is proposed for alternative use going forward. This document provides a summary introduction as to the Part-Surrender Application required as a result of the aforementioned request.
- 1.1.2 The area subject to this part-surrender includes land to the south and east of the landfill void. Chirk Landfill site extends over an area of c. 50 hectares and is located c. 500m North of the village of Pentre, c. 525m to the west of the village of Newbridge and c. 8.8km to the southwest of the town of Wrexham at National Grid Reference 329254, 341680.
- 1.1.3 The site was originally operated by Shanks and McEwan (Midlands) Limited before being acquired by the Waste Recycling Group (now FCC Waste Services UK Limited) in 2004. Planning was granted by Wrexham County Borough Council in 1993 for the landfilling of controlled wastes with landfilling commencing on 16<sup>th</sup> November 1997 under a Waste Management License (EAWML/37123).
- 1.1.4 Operations at Chirk Landfill Site were authorised under Environmental Permit Reference GP3830BG from November 2005. EPR/GP3830BG authorised the receipt, handling and storage of 270,000 tonnes per annum of non-hazardous wastes and up to 30,000 tonnes per annum of inert wastes for deposit into the landfill void.
- 1.1.5 The landfill comprises of three fully CQA engineered containment cells. Since completion to the approved restoration levels, all phases are considered stable, with appropriate leachate, groundwater, surface water and landfill gas monitoring and management infrastructure in place to enable ongoing, effective management during the aftercare phase.
- 1.1.6 There have been seven variations to EPR/GP3830BG since its issue. The most recent variation was issued in December 2019 and involved bringing Chirk Landfill Site into Closure.
- 1.1.7 The proposed area to be surrendered covers c. 6 ha and is located to the south and east of the landfill void. The area represents the main access point and former reception area to the closed landfill facility and the boundary area running south and east of this. It is important to note that although the area to be surrendered is outside of the previously established engineered contaminant cells colliery spoil has historically been tipped in this area. This tipping occurred between 1977 and 1988, prior to the granting of EAWML/37123 on 4<sup>th</sup> December 1994 and the commencement of landfill operations on 16<sup>th</sup> November 1997. For the avoidance of doubt, these deposits of colliery spoil do not constitute controlled wastes under the Waste Framework Directive.
- 1.1.8 With the above in mind, a thorough intrusive site investigation in addition to the Desk Study was considered necessary. The site investigation aims to augment the Desk Study by establishing a baseline level of contamination and highlight whether landfill associated activities undertaken on this site have impacted on the condition of the area to be surrender, as requested by Natural Resources Wales during pre-application correspondence.

## 1.2 Proposed Part-Surrender Permit Application

- 1.2.1 This Part-Surrender application submission includes a number of documents, consisting of the relevant Application Forms (Parts A, E2 and F1) and Surrender Site Condition Report (*Doc Ref.: WR7449/03/SSCR*), along with the appropriate supporting drawings, appendices, and application fee.
- 1.2.2 The Surrender element of this application is considered to qualify as 'Low Risk', as agreed with Natural Resources Wales as part of pre-application consultation, and is in accordance with Natural Resources Wales guidance document RGN No.9 (Version 5.0, October 2014), where 'Low Risk' is categorised as:
- 'Where activities could in principle pollute land or groundwater but the operator can show through waste acceptance records (where applicable) and pollution control measures that the legal test as stipulated within the guidance document is met. A report is required but not one that involves intrusive monitoring data.'*
- 1.2.3 The proposed boundary amendment and the detail of the current site condition is therefore given in the Surrender Site Condition Report (*Doc Ref.: WR7449/03/SSCR*).
- 1.2.4 A copy of the correspondence with Natural Resources Wales confirming the 'Low Risk' surrender is also presented in Appendix 5 of the Surrender Site Condition Report (*Doc Ref.: WR7449/03/SSCR*).
- 1.2.5 This application seeks to revise the permit boundary to that presented in **Drawing No. WR7449/05/03** to exclude the former landfill reception area from the permit, except for the area over which the leachate storage tanks are located. No other changes are sought to any other conditions specified in the Environmental Permit.
- 1.2.6 Moreover, as the changes don't alter the main landfill footprint, or associated management and monitoring requirements no changes are required to the existing financial provision agreed for the facility.
- 1.2.7 This Part-Surrender submission consists of the following documents:
- Surrender Application Forms, Parts A, E2 and F1;
  - Application Fee;
  - Surrender Site Condition Report;
  - Appendices; and
  - Drawings.