

REDEVELOPMENT OF THE STANDARD ROAD WASTE TRANSFER STATION, BUCKLEY

WASTE PLANNING ASSESSMENT

Prepared on behalf of:

Flintshire County Council



axis

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APPENDIXCES

Appendix A	Total Inputs to Standard Road WTS April 2019 – March 2020
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1.0 INTRODUCTION

1.1 Overview

1.1.1 This Waste Planning Assessment has been prepared on behalf of Flintshire County Council for an application for planning permission to redevelop the existing waste transfer station (“WTS”) at Standard Road, Buckley (“the Site”). The development (“The Proposal”) will comprise the demolition of an existing WTS and replacement with a larger, modern WTS (including a visitor and welfare facility), associated development and a vehicle charging station. Standard Road and Globe Way will be rearranged to accommodate the larger unit and provide better vehicular access and circulation.

1.1.2 There will be no change to the principal waste operations undertaken at the Site. The WTS is currently used for bulking and baling of dry recyclable materials, and bulking of bagged food waste, which are collected at the kerbside. The Site processes waste from Monday to Saturday, with baling and waste collections taking place throughout the week.

1.1.3 The materials are separated and loaded onto specialised vehicles at the kerbside. Material is then brought to the WTS where each waste stream is tipped into individual bays. From there, the waste is either bulked into large skips to be sent for processing at another site or are placed through baling equipment to increase the payload for onward transportation.

1.1.4 The range of waste streams currently processed at the WTS include:

- Glass
- Plastics
- Aluminium
- Steel
- Paper and cardboard mixes
- Used beverage cartons
- Batteries
- Food

1.1.5 These waste streams will continue to be handled at the redeveloped WTS.

1.1.6 This document comprises a Waste Planning Assessment (WPA) as required under paragraph 4.2 of 'TAN21: Waste'.

1.1.7 A WPA is a requirement in relation to planning applications for waste management developments. TAN21 explains that the detail and complexity of the WPA will reflect the scale and potential significance of the proposed development. In this case, the proposed development is relatively minor in scale, comprising a replacement WTS. As such, the detail and complexity of the WPA need not be significant.

1.2 Waste Policy Statement

A description of how the proposals will contribute to the relevant provisions of Towards Zero Waste and the Collections, Infrastructure and Markets Sector Plan.

1.2.1 Towards Zero Waste is the overarching waste strategy document for Wales. It requires the Welsh Government and everyone else involved in making waste management decisions in Wales to apply the waste hierarchy as an order of priority in legislation and policy. The waste hierarchy promotes the prevention of waste as well as the reuse, recycling and recovery (e.g. energy) of waste, with disposal to landfill as the least preferred option. Towards Zero Waste, seeks by 2025 to eliminate (as far as possible) the landfilling of waste and promotes high levels of recycling (70%).

1.2.2 The Collections Infrastructure and Markets Sector Plan seeks to create a sustainable approach to resource management by ensuring that a high volume of clean, recyclable material is separated at source and collected and delivered to re-processors (based in Wales as far as possible), and that markets are developed for the recycled material (within Wales as far as possible).

1.2.3 The proposed Facility will contribute towards the provisions of Towards Zero Waste and The Collections Infrastructure and Markets Sector Plan by delivering improvements to the Site which include more efficient operations and improved waste sorting arrangements.

A Statement of Compliance with Policy Related to Need & Location Requirements

1.2.4 A detailed planning policy appraisal is provided in the separate Planning Statement. EM3 and EM7 are the key local plan policies relating to need and location requirements.

- 1.2.5 The Site is an existing facility located within a Development Zone and Principal Employment Area (DZaPEA) where Policy EM3 of the Unitary Development Plan (UDP), adopted by Flintshire County Council in September 2011, will apply. Policy EM3 provides that within a DZaPEA, B1, B2 and B8 employment development will be permitted. Policy EM3 identifies on the proposals map the areas where most employment development is likely to take place. By identifying key areas where new employment development will generally be acceptable, the Plan aims to provide a greater degree of certainty and consistency and avoid the need to identify numerous small allocations or commitments. Although the Site is not specifically identified for waste uses, it is commonly accepted that waste uses are akin to a B2 use and are acceptable in employment areas. The Proposal involves the redevelopment of an existing waste management site. Whilst Policy EM3 provides a presumption in support of employment uses within the DZaPEA it in no way prevents the continued use or redevelopment of the Site for waste uses.
- 1.2.6 Policy EWP7 of the UDP lists criteria to ensure waste is managed sustainably. The Facility will enable kerbside collected recyclable and food waste to continue to be managed sustainably, being bulked locally and transported to processing, treatment or disposal facilities. Due to the nature of operations undertaken at the Site it will not be possible to use non road modes of transport. The Facility will not treat or dispose of waste. The reasoned justification to the policy promotes the role of sustainable waste management and explains the importance for new waste management facilities to use waste appropriately, ensuring that the full potential of waste resources is optimised. Furthermore, it explains that proposals will be expected to have full regard to the waste hierarchy to demonstrate that waste is to be used in the most efficient and environmentally acceptable way. It places significant weight to the 'proximity principle' and the need to locate facilities close to the source of waste generation. The Proposal will enhance and improve operations currently undertaken at the Site. The Proposal complies with policy EM7.
- 1.2.7 The Development Plan and all relevant material considerations are considered to provide a supportive framework for the proposal.

A calculation of existing and projected future demand

- 1.2.8 The Facility accepted approximately 18,000 tonnes of kerbside collected material between April 2019 and March 2020. Actual 2019-2020 inputs to the existing facility are provided in Appendix A.

- 1.2.9 The WTS experienced a sustained increase in tonnage over the past year. This is predicted to increase further with higher demand and generation of recyclable household waste. As a result, FCC wish to futureproof the WTS throughput by 10%.
- 1.2.10 In total, the redeveloped WTS might therefore be expected to receive approximately 21,000 tonnes of material per annum.
- 1.2.11 The proposed development is only expected to generate an additional 6 two-way trips during the week. The current weekly average is 74 two-way movements, which is expected to increase to 81. These trips would occur outside the typical peak hours of the highway network.

Identify the Markets that will be Served by the Proposed Development

- 1.2.12 The Facility provides a local waste transfer and bulking facility for kerbside collected household waste. See above and the Planning Statement for details on the need for the facility.

A Calculation to Identify the Current Shortfall in Treatment Capacity

- 1.2.13 The new WTS will replace an existing facility. The Facility will not provide treatment capacity, rather it will sort and bulk waste for transportation to reprocessing/treatment facilities.

A Description of the Consultation Undertaken by the Applicant

- 1.2.14 The Applicant has undertaken full pre-application consultation in accordance with the Article 2 of the Town and Country Planning (Development Management Procedure) (Wales) Order 2012 as amended by the Town and Country Planning (Development Management Procedure) (Wales) (Amendment) Order 2016 and The Planning Applications (Temporary Modifications and Disapplication) (Wales) (Coronavirus) Order.

1.3 Development

Lifespan of the Operation

- 1.3.1 The proposal is for the development and operation of a permanent facility.

Hours of operation

1.3.2 The core operation hours at the WTS are between 07:00 and 17:00, although it may operate until 20:00. The Site is closed on Sundays and Bank Holidays. This will not change as part of the Proposal. The Site is closed on Sundays and Bank Holidays. This will not change as part of the Proposal.

1.3.3 Kerbside refuse collection vehicles (RCVs) arrive to the Site twice a day for tipping. The first tip is between 10:00-12:00 and the second is between 15:00-16:00. The later hours of the day until 20:00 are for processing the waste that has been delivered to the Site.

Types and quantities of waste to be managed

1.3.4 The range of waste streams currently processed at the WTS include:

- Glass
- Plastics
- Aluminium
- Steel
- Paper and cardboard mixes
- Used beverage cartons
- Batteries
- Food

Design, Layout, Buildings and Plant

1.3.5 In summary, the proposed WTS would include:

- New 2,208 sq.m WTS building
- Visitor / Education Centre
- New site access arrangement
- Staff parking for 19 vehicles
- Electric Charging Station
- A perimeter road system
- Boundary fencing

1.3.6 Full details of the design and layout are provided within the Planning Statement.

Amenity and Nuisance and Air Pollution

- 1.3.7 Flintshire County Council, in its capacity as Local Planning Authority, has confirmed in writing their formal opinion that the proposed development is not required to be supported by an EIA. Notwithstanding this opinion, the Planning Statement provides an appraisal of the relevant environmental considerations associated with the proposal. The Planning Statement assesses potential impacts associated with the proposal and its compatibility with neighbouring land uses.

1.4 Declaration

1.4.1 This statement sets out how the waste hierarchy has been considered in developing the proposals currently forming the planning application.

Signed: A.Hoyle

Alistair Hoyle of Axis on behalf of FCC

Date: 13 November 2020