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BARR ENVIRONMENTAL LIMITED

KILLOCH ENERGY RECOVERY PARK

PLANNING STATEMENT

MAY 2021

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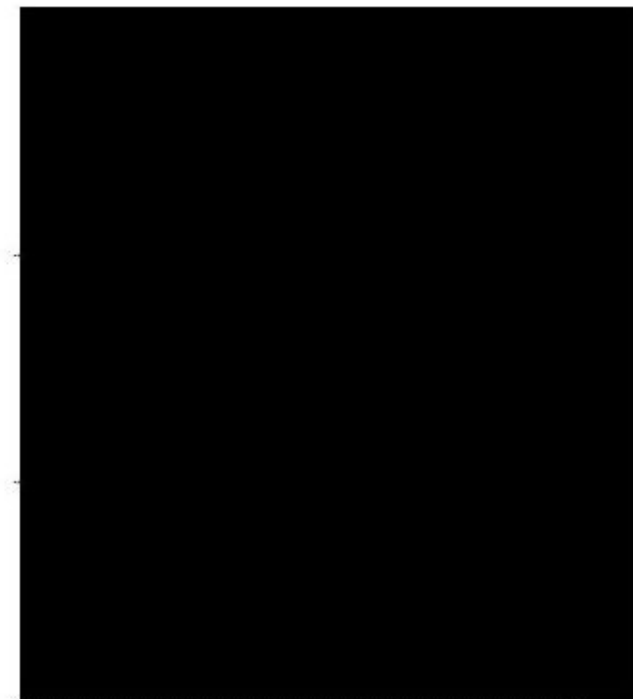
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1 INTRODUCTION

1.1 Overview

1.1.1 Barr Environmental Ltd (hereafter referred to as 'Barr') is seeking planning permission for an Energy Recovery Park (ERP) at Killoch, located off the A70 between Ayr and Cumnock in East Ayrshire.

1.1.2 East Ayrshire Council (EAC) previously granted planning permission in 2017 for an energy-from-waste facility using gasification-based technology to be built at the site. The approved facility has not been built, although the planning permission has been implemented (Ref. 15/0413/PP) and as such can be built as approved at any time.

1.1.3 Barr is now proposing to build and operate an Energy Recovery Park (ERP) based on an alternative technology, instead of the approved energy-from-waste facility that utilised gasification-based technology. The now proposed ERP would comprise a conventional energy recovery facility to treat non-hazardous and non-recyclable residual waste, which until now has been destined for landfill or export. The facility will generate energy in the form of heat and electricity, which will be equivalent to the needs of around 45,000 homes.

1.1.4 At the time of the original application there were perceived efficiencies associated with the use of gasification technology compared with other thermal treatment technologies. As a result of the recent track record of moving grate combustion technologies, and their associated financial viability in comparison to gasification, the Applicant considers it would be a reliable solution for Ayrshire's waste which must be diverted from landfill by 2025. The proposed technology will meet the same stringent environmental limits proposed for the previous application.

1.1.5 The proposed ERP will have the capacity to handle 166,000 tonnes of residual waste per year.

1.2 Pre-application Discussions

1.2.1 The Applicant delivered a presentation to EAC during a pre-application meeting held online on 29 September 2020. The presentation set out the key changes which would require a new application, describing the technology, capacity, and design, together with the policy context (see section 5), employment opportunities, practical waste contract details, environmental considerations and potential mitigation, and the consultation strategy.

1.2.2 The Proposal of Application Notice (PAN) was submitted to EAC on 1 December 2020.