



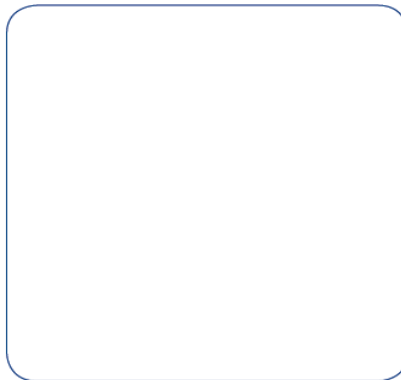
Non Technical Summary

Environmental Permit Variation Application

Atlantic Ecopark

On Behalf of

Atlantic Recycling Limited



Date: November 2016

Our Ref: JCD0170

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Amendment Record

Revision No.	Date	Reason for Change	Authors Initials

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1 Non – Technical Summary

1.1 Introduction

- 1.1.1 This Non-Technical Summary relates to an application to vary an existing Environmental Permit for Atlantic Recycling Limited (herein after referred to as Atlantic). The current facility is located at Atlantic Ecopark off Newton Road, Rumney Cardiff.
- 1.1.2 The full site address is:
- Atlantic Recycling Limited
- Atlantic Ecopark
- Newton Road
- Rumney
- Cardiff
- CF3 2EJ
- 1.1.3 The national grid reference for the facility is NGR ST 239 783.
- 1.1.4 The facility is owner and operated by Atlantic and is currently permitted for the following activities:-
- Soil Processing Facility (permitted, not operational);
 - Waste Transfer Station with Treatment (permitted, operational);
 - Wood Processing Facility (permitted, operational);
 - Refuse Derived Fuel (RDF) and Solid Recovered Fuel (SRF) Processing Facility (permitted, operational).
- 1.1.5 The facility is considered as representing a waste operation within the confines of the Environmental Permitting (England and Wales) Regulations 2010. The facility is also considered to represent a waste recovery operation within the confines of the Waste Framework Directive, as amended.
- 1.1.6 The original Environmental Permit for the Newton Road site EAWML30347 was issued on the 14th of October 2005 to Neal Soils Suppliers Limited and subsequently transferred to ARL on the 29th of November 2010. The Environmental Permit has undergone four variations following its transfer to ARL; the permit was varied to its current status on the 3rd November 2016 as EPR/PP3993VS/S005.
- 1.1.7 The facility is currently permitted to accept up to 220,000 tonnes of waste per year, this will increase to 280,000 as a result of this variation.

- 1.1.8 There will be no changed to the permitted Wood Processing Facility and the Soil Processing Facility; as such no further reference to these activities is made within this variation application or the associated documentation. It should therefore be assumed at all times that the previously submitted detailed information is still relevant for these activities

1.2 Site Location

- 1.2.1 The site is located to the south-east of Cardiff City Centre at Ty To Maen Farm which is situated off Newton Road, Rumney. The site is surrounded by a series of drainage ditches and reens and lies within the footprint of a Site of Special Scientific Interest (SSSI). Site access is from the B4239 (Wentloog Avenue) via Newton Road which provides access to the primary road network and M4.
- 1.2.2 The Environmental Risk Assessment provided with this variation application describes the potential sources, pathways and receptors associated with the site and surrounding area, as well as detailing the proposed mitigation and management measures to be implemented at the site to control any potential harm from the proposed operations.

1.3 Proposed Variations

- 1.3.1 The operator is applying to modify their existing permit. Changes to the permit relate to:
- Treatment of the sites surface water;
 - Inclusion of a new dedicated RDF and SRF processing facility separate to the current WTS activity on site including an associated increase in tonnages; and
 - Removal of “other specifications” from Table S3.2 and S3.3.
- 1.3.2 Atlantic wishes to install and operate a Waste Water Treatment Plant (WWTP) on site. Atlantic proposes the operation of the WWTP is included within Table S1.1 as an additional activity with descriptions D6 and D8.
- 1.3.3 Atlantic also wishes to modify the conditions of Table S2.4 ‘waste types and quantities for refuse derived fuel and solid recovered fuel processing’ within the current Environmental Permit to allow an increase in permitted tonnage, from 40,000 to 100,000 tonnes per annum.
- 1.3.4 ARL requests the removal of the “other specifications” from table S3.2 and table S3.3 to be replaced by a new IMS procedure.
- 1.3.5 There is no change to the area to be occupied by the permitted activities.
- 1.3.6 It is recognised that the new RDF/SRF Processing Facility will constitute an installation under the Industrial Emissions Directive (IED) as a Section 5.4A(1)(b)(ii).
- 1.3.7 The above proposed changes to the Environmental Permit are considered to represent a Substantial Variation, as confirmed by Natural Resources Wales pre-application discussions held on site on the 20th of July 2016.

1.4 Management and Training

- 1.4.1 The operation currently benefits from an experienced and well-trained work force who is experienced in the current operations on site.
- 1.4.2 Management of the waste operations on site will be provided by suitably qualified technically competent management, as detailed within this application. All site personnel will be provided with suitable induction training upon commencement of work at the facility and will receive further training as and when required in accordance with the requirements of the operators own training procedures.
- 1.4.3 Atlantic has its own onsite Environmental Management System which will be updated to include the new facility and the WWTP.

1.5 Emissions from the Facility

- 1.5.1 The point source emission to surface water currently within the permit will not change as a result of this variation. There will be no point source emission from the RDF/SRF Facility being varied; the WWTP is intended to ensure that water discharged at the permitted discharge point is in compliance with the limits set out in the current permit. Mitigation measures for all fugitive emissions are described in greater depth in the Environmental Risk Assessment in Appendix 2 to the main application document.

1.6 Assessment of Best Available Techniques

- 1.6.1 This Environmental Permit Variation Application has been prepared with reference to the requirements of Environment Agency Guidance Note S5.06: Guidance for the Recovery and Disposal of Hazardous and Non-Hazardous Waste. An analysis of applicable Best Available Techniques is in section 4 of the main application.

1.7 De - Commissioning and Closure

- 1.7.1 In the event of the facility ceasing to operate and de-commissioning is required, a detailed 'Closure Plan' will be submitted to NRW.