

Natural Resources Wales permitting decisions

Enfinium Parc Adfer Operations Limited Decision Document

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Minor Technical Variation

The application number/the permit/variation number is: EPR/AB3092CV/V005

The operator is: Enfinium Parc Adfer Operations Limited

The Installation is located at: Parc Adfer Energy Recovery Facility, Deeside Industrial Park, Deeside, Flintshire, CH5 2LL

The applicant has applied to add the following new European Waste Code (EWC) to the permit:

- EWC 20-01-99: Municipal Wastes (Household Waste and Similar Commercial, Industrial and Institutional Wastes) including separately collected fractions – dog faeces from collection bins, domestic type incontinence wastes and nappy wastes from nurseries

This code will allow the Operator to accept waste including dog faeces from dog waste bins from the local authority.

It has been estimated that approximately 6.47 tonnes per week (336 tonnes per annum) would be delivered from dog waste bins, representing 0.17% of the total annual throughput of waste at the site (200,000 tonnes per annum). The total permitted maximum quantity of waste received at the site per annum will remain unchanged.

It is estimated that there will be deliveries in small caged tipper vans approximately 9-10 tips per day mid-week, and 4-5 tips per day on a Saturday. This does not represent a significant increase in number of vehicles to the site.

The code will also allow the operator to accept waste comprising of nappies and other absorbent hygiene products (AHP) from domestic properties. The weight of this waste has been estimated to be around 9.61 tonnes per week (500 tonnes per annum), representing 0.25% of the total annual throughput of waste at the site.

The AHP waste has already been being received at the site mixed in with usual residual household collections. The reason this code is required due to the waste

being collected separately via a new AHP collection service which is in line with the advised approach for all waste and recycling collections across Wales set by Welsh Government.

We have decided to issue the variation for Parc Adfer Energy Recovery Facility operated by Enfinium Parc Adfer Operations Limited.

We consider in reaching that decision we have taken into account all relevant considerations and legal requirements and that the permit will ensure that the appropriate level of environmental protection is provided

Purpose of this document

This decision document:

- explains how the application has been determined
- provides a record of the decision-making process
- shows how all relevant factors have been taken into account
- justifies the specific conditions in the permit other than those in our generic permit template.

Unless the decision document specifies otherwise, we have accepted the applicant's proposals.

Key issues of the decision

Receipt of application

Confidential information

No claim for commercial or industrial confidentiality has been made.

Identifying confidential information

We have not identified information provided as part of the application that we consider to be confidential. The decision was taken in accordance with our guidance on commercial confidentiality.

Consultation

There was no requirement to carry out a consultation on this minor technical variation. The decision was taken in accordance with RGN 6 High Profile Sites, our Public Participation Statement and our Working Together Agreements.

Operator

There is no change to the Operator as a result of this variation.

The facility

There is no change to the activities or 'directly associated activities' as a result of this variation

Legislation

NRW is satisfied that this decision is compatible with its general purpose of pursuing the sustainable management of natural resources in relation to Wales and applying the principles of sustainable management of natural resources

All applicable European directives have been considered in the determination of the application.

The site

There is no change to the site boundary as a result of this variation.

Biodiversity, Heritage, Landscape and Nature Conservation

The application is within the relevant distance criteria of a site of heritage, landscape or nature conservation, and/or protected species or habitat.

We consider that the application will not affect any sites of nature conservation, landscape and heritage, and/or protected species or habitats identified as the variation will not result in any change to the existing emissions or operational techniques and as such there is no anticipated impact pathway.

We have not consulted with area teams or environmental agency on the application. This decision was taken in accordance with the relevant guidance.

Environmental Risk Assessment

Air

There will be no changes to the facility's air emissions as a result of this variation. Therefore, no assessment is required.

Water

There will be no changes to the facility's emissions to water as a result of this variation. Therefore, no assessment is required.

Odour

The addition of waste code EWC 20-01-99 dog faeces from collection bins could be considered offense in terms of odour as it includes dog faeces (which is in line with WM3 guidance).

The applicant has estimated that of the park waste collected and brought to site, an upper estimate of approximately 6.47 tonnes a week would be attributed to dog waste bins, equating to 336 tonnes per annum. This would only equate to only 0.17% of the site's annual throughput (200,000 tonnes).

Furthermore, dog waste is bagged when deposited into a collection bin by the public and then bagged again from the waste collection bin itself. This means that it will be double bagged and sealed by the time it reaches the site which will prevent any potential odour emissions. Additionally, it will be delivered with other waste collected from public areas and the area where it will be received is maintained under negative pressure.

The weight of the AHP waste has been estimated to be around 9.61 tonnes per week (500 tonnes per annum), representing only 0.25% of the total annual throughput of waste at the site. Additionally, as discussed this waste has already been being reviewed at the site mixed in with usual residual household collections.

Due to the relatively small percentage this waste will represent at the site (combined total of 0.42% of the annual throughput) and the way it will be received, there is no anticipated change to odour emissions as a result of this variation.

The permit continues to include the appropriate odour pollution prevention condition.

Noise

The park waste will be delivered within small-caged tipper vans. It is estimated that deliveries will average approximately 9-10 tips per day mid-week, and 4-5 tips per day on a Saturday.

The AHP waste will be delivered in roadside refuse collection vehicles. It is estimated that deliveries will average approximately 9-11 tips per day mid-week and 4-6 tips on a Saturday.

The applicant has stated that the addition of a 20-01-99 waste code will not increase the number of vehicles to site by a significant amount.

There are no changes to operational techniques as a result of this variation which may increase noise from the site.

Fugitive emissions

There is no increased risk of fugitive emissions as a result of this variation.

Monitoring

There will be no change in monitoring requirements as a result of this variation.

Reporting

There will be no change in the report requirements as a result of this variation.

Operating techniques

The operator has conducted a test using the cage vehicles proposed to bring the waste to the site. This test has confirmed that no additional operational procedures are needed to accommodate the addition of the new waste.

There are no changes to any operating techniques as a result of this variation. The operating techniques have been carried over from the previous permit version.

The permit conditions

Waste types

The permit specifies the permitted waste types, descriptions and quantities, which can be accepted at the regulated facility. As a result of this variation table S2.2 'Permitted

waste times and quantities for Energy Recovery Plant has been updated to include EWC 20-01-99 'other fractions not otherwise specified'.

Pre-operational conditions

There are no new pre-operation conditions added to the permit as a result of this variation.

Improvement conditions

There are no new improvement conditions added to the permit as a result of this variation.

Environment management system

There is no known reason to consider that the operator will not have the management systems to enable it to comply with the permit conditions. The decision was taken in accordance with RGN 5 on Operator Competence.

Technical competence

Technical competency is required for activities permitted. The operator is a member of an agreed scheme.

OPRA

The OPRA score will remain as 207.