

# Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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**Enfinium Parc Adfer Operations Ltd**

**Parc Adfer Energy Recovery Facility  
Deeside Industrial Park  
Deeside  
Flintshire  
CH5 2LL**

Variation application number

**EPR/AB3092CV/V005**

Permit number

**EPR/AB3092CV**

# Parc Adfer Energy Recovery Facility

## Permit number EPR/AB3092CV

### Introductory note

#### This introductory note does not form a part of the notice

The following notice gives notice of the variation of an environmental permit.

This variation will add the following additional European Waste Code (EWC) to the permitted waste codes accepted on site:

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

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

There are no other proposed changes to the permit. The total permitted maximum quantity of waste received at the site per annum will remain unchanged.

The schedules specify the changes made to the original permit

The status log of a permit sets out the permitting history, including any changes to the permit reference number.

<b>Status Log of the permit</b>		
<b>Detail</b>	<b>Date</b>	<b>Comments</b>
Application EPR/PP3733WW/A001	Duly made 27/10/2014	Application for Energy Recovery Facility by Incineration of Municipal waste
Additional information received	20/02/2015	Additional information received relating to noise modelling queries requested 04/02/2015.
Additional information received	06/05/2015	Additional information received relating to further noise queries requested 17/04/2015.
Additional information received	19/06/2015	Additional information received relating to Schedule 5 Notice issued 15 <sup>th</sup> May 2015.
Additional information received	07/07/2015	Additional information received relating to queries regarding PCB's & calculations used in Habitats Assessment requested 29 <sup>th</sup> June 2015.
Additional information received	02/09/2015	Additional information received relating to waste types, site drainage and CEMS requested 11 <sup>th</sup> and 17 <sup>th</sup> August 2015.
Additional information received	07/09/2015	Additional information received relating to waste types and site drainage requested 4 <sup>th</sup> September 2015.

Permit issued	28/10/2015	New permit number AB3092CV
Transfer application EPR/AB3092CV	Duly Made 26/04/2017	Application to transfer the permit to Parc Adfer Operations Limited
Transfer application EPR/AB3092CV/T001 Determined	08/06/2017	Permit EPR/AB3092CV issued to Parc Adfer operations limited
Variation Application EPR/AB3092CV/V002	Duly Made 24/01/2018	Numerous pre-operational changes requested
Variation Application EPR/AB3092CV/V002	20/04/2018	Permit Issued
Variation Application EPR/AB3092CV/V003	Duly Made 03/07/2020	Application submitted to change monitoring on the carbon monoxide short-term Emission Limit Value
Variation Application EPR/AB3092CV/V003	18/01/2021	Variation Issued to Parc Adfer Operations Limited
Variation Application EPR/AB3092CV/V004	Duly made 07/06/2021	Administrative variation to change operator name
Variation Application EPR/AB3092CV/V004	21/07/2021	Variation Issued
Variation Application EPR/AB3092CV/V005	Duly made 02/12/2021	Application submitted to add a new EWC code
Variation Application EPR/AB3092CV/V005	17/12/2021	Variation Issued

End of introductory note

## Notice of variation

The Environmental Permitting (England and Wales) Regulations 2016

The Natural Resources Body for Wales (“Natural Resources Wales”) in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2016 varies

Permit number  
**EPR/AB3092CV**

issued to  
**Enfinium Parc Adfer Operations Ltd** (“the operator”)

whose registered office is

**WTI UK Ltd**  
**123 Victoria Street**  
**London**  
**SW1E 6DE**

company registration number **09099184**

to operate a regulated facility at

**Parc Adfer Energy Recovery Facility**  
**Deeside Industrial Park**  
**Deeside**  
**Flintshire**  
**CH5 2LL**

to the extent set out in the schedules

The notice shall take effect from 17/12/2021

Signed

Date

**Holly Noble**

**17/12/2021**

Authorised on behalf of Natural Resources Wales

## Schedule 1 – conditions to be deleted

None

## Schedule 2 – conditions to be amended

The following conditions are amended as a result of the application made by the operator

Table S2.1 Permitted waste types and quantities for Energy Recovery plant

<b>Table S2.2 Permitted waste types and quantities for Energy Recovery plant</b>	
<b>Maximum quantity</b>	<b>200,000 tonnes per annum</b>
<b>Waste code</b>	<b>Description</b>
<b>02</b>	<b>Wastes from Agriculture, Horticulture, Aquaculture, Forestry, Hunting and Fishing, Food Preparation and Processing</b>
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 03	plant-tissue waste <sup>(Note 2)</sup>
02 01 04	waste plastics (except packaging) <sup>(Note 1)</sup>
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site <sup>(Note 2)</sup>
02 01 07	wastes from forestry
02 01 09	agrochemical wastes other than those mentioned in 02 01 08
<b>02 02</b>	<b>wastes from the preparation and processing of meat, fish and other foods of animal origin</b>
02 02 02	animal tissue waste (Catering wastes and former foodstuff only)
02 02 03	materials unsuitable for consumption or processing(Catering wastes and former foodstuff only)
02 02 04	sludges from on-site effluent treatment <sup>(Note 3)</sup>
<b>02 03</b>	<b>wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation</b>
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing <sup>(Note 2)</sup>
02 03 05	sludges from on-site effluent treatment <sup>(Note 3)</sup>
<b>02 04</b>	<b>wastes from sugar processing</b>
02 04 03	sludges from on-site effluent treatment <sup>(Note 3)</sup>
<b>02 05</b>	<b>wastes from the dairy products industry</b>
02 05 01	materials unsuitable for consumption or processing <sup>(Note 2)</sup>
02 05 02	sludges from on-site effluent treatment <sup>(Note 3)</sup>
<b>02 06</b>	<b>wastes from the baking and confectionery industry</b>
02 06 01	materials unsuitable for consumption or processing <sup>(Note 2)</sup>
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment <sup>(Note 3)</sup>
<b>02 07</b>	<b>wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)</b>
02 07 01	wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02	wastes from spirits distillation
02 07 03	wastes from chemical treatment
02 07 04	materials unsuitable for consumption or processing <sup>(Note 2)</sup>
02 07 05	sludges from on-site effluent treatment <sup>(Note 3)</sup>
<b>03</b>	<b>Wastes from Wood Processing and the Production of Panels and Furniture, Pulp, Paper and Cardboard</b>
<b>03 01</b>	<b>wastes from wood processing and the production of panels and furniture</b>
03 01 01	waste bark and cork

**Table S2.2 Permitted waste types and quantities for Energy Recovery plant****Maximum quantity 200,000 tonnes per annum**

<b>Waste code</b>	<b>Description</b>
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04 <sup>(Note 1)</sup>
<b>03 03</b>	<b>wastes from pulp, paper and cardboard production and processing</b>
03 03 01	waste bark and wood <sup>(Note 1)</sup>
03 03 07	mechanically separated rejects from pulping of waste paper and cardboard <sup>(Note 1)</sup>
03 03 08	wastes from sorting of paper and cardboard destined for recycling <sup>(Note 1)</sup>
03 03 10	fibre rejects, fibre, filler and coating-sludges from mechanical separation
03 03 11	sludges from on-site treatment of effluent other than those mentioned in 03 03 10 <sup>(Note 3)</sup>
<b>04</b>	<b>Wastes from the Leather, Fur and Textile Industries</b>
<b>04 01</b>	<b>wastes from the leather and fur industry</b>
04 01 08	waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	wastes from dressing and finishing
<b>04 02</b>	<b>wastes from the textile industry</b>
04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10	organic matter from natural products (for example grease, wax) <sup>(Note 2)</sup>
04 02 15	wastes from finishing other than those mentioned in 04 02 14
04 02 17	dyestuffs and pigments other than those mentioned in 04 02 16
04 02 20	sludges from on-site effluent treatment other than those mentioned in 04 02 19 <sup>(Note 3)</sup>
04 02 21	wastes from unprocessed textile fibres
04 02 22	wastes from processed textile fibres
<b>07</b>	<b>Wastes from Organic Chemical Processes</b>
<b>07 02</b>	<b>Wastes from the MFSU of Plastics, Synthetic Rubber and Man-Made Fibres</b>
07 02 12	sludges from on-site effluent treatment other than those mentioned in 07 02 11
07 02 13	waste plastic <sup>(Note 1)</sup>
07 02 15	wastes from additives other than those mentioned in 07 02 14
07 02 17	wastes containing silicones other than those mentioned on 07 02 16*
<b>07 03</b>	<b>Wastes from the MFSU of Organic Dyes and Pigments (except 06 11)</b>
07 03 12	sludges from on-site effluent treatment other than those mentioned in 07 03 11
<b>07 04</b>	<b>Wastes from the MFSY of Organic Plant Protection Products (except 02 01 08 and 02 01 09), Wood Preserving Agents (except 03 02) and other Biocides</b>
07 04 12	sludges from on-site effluent treatment other than those mentioned in 07 04 11
<b>07 05</b>	<b>Wastes from the MFSU of Pharmaceuticals</b>
07 05 12	sludges from on-site effluent treatment other than those mentioned in 07 05 11
07 05 14	solid wastes other than those mentioned in 07 05 13
<b>07 06</b>	<b>Wastes from the MFSU of Fats, Grease, Soaps, Detergents, Disinfectants and Cosmetics</b>
07 06 12	sludges from on-site effluent treatment other than those mentioned in 07 06 11
<b>07 07</b>	<b>Wastes from the MFSU of Fine Chemicals and Chemical Products not otherwise Specified</b>
07 07 12	sludges from on-site effluent treatment other than those mentioned in 07 07 11 <sup>(Note 3)</sup>
<b>08</b>	<b>Wastes from the Manufacture, Formulation, Supply and Use (MFSU) of Coatings (Paints, Varnishes and Vitreous Enamels), Adhesives, Sealants and Printing Inks)</b>
<b>08 01</b>	<b>Wastes from MFSU and Removal of Paint and Varnish</b>

**Table S2.2 Permitted waste types and quantities for Energy Recovery plant****Maximum quantity 200,000 tonnes per annum**

<b>Waste code</b>	<b>Description</b>
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
<b>08 03</b>	<b>Wastes from MFSU of Printing Inks</b>
08 03 07	aqueous sludges containing ink
08 03 13	waste ink other than those mentioned in 08 03 12
08 03 15	Ink sludges other than those mentioned in 08 03 14
<b>08 04</b>	<b>Wastes from MFSU of Adhesive and Sealants (including Waterproof Products)</b>
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
08 04 12	adhesive and sealant sludges other than those mentioned in 08 04 11
08 04 14	aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
<b>09</b>	<b>Wastes from the photographic industry</b>
<b>09 01</b>	<b>wastes from the photographic industry</b>
09 01 07	photographic film and paper containing silver or silver compounds
09 01 08	photographic film and paper free of silver or silver compounds
09 01 10	single-use cameras without batteries
<b>12</b>	<b>Wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
<b>12 01</b>	<b>Wastes from Shaping and Physical and Mechanical Surface Treatment of Metals and Plastics</b>
12 01 05	plastics shavings and turnings
12 01 15	machining sludges other than those mentioned in 12 01 14
12 01 17	waste blasting material other than those mentioned in 12 01 16
12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
<b>15</b>	<b>Waste Packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not otherwise specified</b>
<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>
15 01 01	paper and cardboard packaging <sup>(Note 1)</sup>
15 01 02	plastic packaging <sup>(Note 1)</sup>
15 01 03	wooden packaging <sup>(Note 1)</sup>
15 01 04	metallic packaging <sup>(Note 1)</sup>
15 01 05	composite packaging <sup>(Note 1)</sup>
15 01 06	mixed packaging <sup>(Note 1)</sup>
15 01 07	glass packaging <sup>(Note 1)</sup>
15 01 09	textile packaging <sup>(Note 1)</sup>
<b>15 02</b>	<b>absorbents, filter materials, wiping cloths and protective clothing</b>
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
<b>16</b>	<b>Wastes not otherwise specified in the list</b>
<b>16 01</b>	<b>end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)</b>
16 01 03	end-of-life tyres <sup>(Note 1)</sup>
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 19	Plastic <sup>(Note 1)</sup>
16 01 22	components not otherwise specified
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15

**Table S2.2 Permitted waste types and quantities for Energy Recovery plant****Maximum quantity 200,000 tonnes per annum**

<b>Waste code</b>	<b>Description</b>
<b>16 03</b>	<b>off-specification batches and unused products</b>
16 03 04	inorganic wastes other than those mentioned in 16 03 03
16 03 06	organic wastes other than those mentioned in 16 03 05
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 04	alkaline batteries (except 16 06 03) <sup>(Note 1)</sup>
16 06 05	other batteries and accumulators <sup>(Note 1)</sup>
<b>17</b>	<b>Construction and Demolition Wastes (including excavated soil from contaminated sites)</b>
<b>17 02</b>	<b>wood, glass and plastic</b>
17 02 01	Wood <sup>(Note 1)</sup>
17 02 03	Plastic <sup>(Note 1)</sup>
<b>17 03</b>	<b>Bituminous Mixtures, Coal Tar and Tarred Products</b>
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
<b>17 06</b>	<b>insulation materials and asbestos-containing construction materials</b>
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
<b>17 09</b>	<b>other construction and demolition wastes</b>
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 <sup>(Note 1)</sup>
<b>18</b>	<b>Wastes from Human and Animal Health Care and/or Related Research (except kitchen and restaurant wastes not arising from immediate health care)</b>
<b>18 01</b>	<b>wastes from natal care, diagnosis, treatment or prevention of disease in humans</b>
18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
18 01 07	chemicals other than those mentioned in 18 01 06
<b>18 02</b>	<b>wastes from research, diagnosis, treatment or prevention of disease involving animals</b>
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
<b>18 02</b>	<b>Wastes from Research, Diagnosis, Treatment or Prevention of Disease involving Animals</b>
18 02 06	chemicals other than those mentioned in 18 02 05
18 02 08	medicines other than those mentioned in 18 02 07
<b>19</b>	<b>Wastes from Waste Management Facilities, Off-site Waste Water Treatment Plants and the Preparation of Water Intended for Human Consumption and Water for Industrial Use</b>
<b>19 02</b>	<b>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</b>
19 02 03	premixed wastes composed only of non-hazardous wastes
19 02 06	sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 10	combustible wastes other than those mentioned in 19 02 08 and 19 02 09
<b>19 03</b>	<b>stabilised/solidified wastes</b>
19 03 05	stabilised wastes other than those mentioned in 19 03 04
19 03 07	solidified wastes other than those mentioned in 19 03 06
<b>19 05</b>	<b>wastes from aerobic treatment of solid wastes</b>
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
<b>19 06</b>	<b>wastes from anaerobic treatment of waste</b>
19 06 04	digestate from anaerobic treatment of municipal waste <sup>(Note 3)</sup>
19 06 06	digestate from anaerobic treatment of animal and vegetable waste <sup>(Note 3)</sup>
<b>19 08</b>	<b>Wastes from Waste Water Treatment Plants not otherwise specified</b>

**Table S2.2 Permitted waste types and quantities for Energy Recovery plant****Maximum quantity 200,000 tonnes per annum**

<b>Waste code</b>	<b>Description</b>
19 08 01	Screenings <sup>(Note 2)</sup>
19 08 05	sludges from treatment of urban waste water <sup>(Note 2) (Note 3)</sup>
19 08 09	grease and oil mixture from oil/water separation containing edible oil and fats
19 08 12	sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11 <sup>(Note 2) (Note 3)</sup>
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 <sup>(Note 2) (Note 3)</sup>
<b>19 09</b>	<b>Wastes from the Preparation of Water Intended for Human Consumption or Water for Industrial Use</b>
19 09 01	solid waste from primary filtration and screenings
19 09 04	spent activated carbon
<b>19 10</b>	<b>Wastes from Shredding of Metal-Containing Wastes</b>
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
<b>19 11</b>	<b>Wastes from Oil Regeneration</b>
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
19 12 01	paper and cardboard <sup>(Note 1)</sup>
19 12 02	ferrous metal <sup>(Note 1)</sup>
19 12 03	non-ferrous metal <sup>(Note 1)</sup>
19 12 04	plastic and rubber <sup>(Note 1)</sup>
19 12 05	Glass <sup>(Note 1)</sup>
19 12 07	wood other than that mentioned in 19 12 06 <sup>(Note 1)</sup>
19 12 08	Textiles <sup>(Note 1)</sup>
19 12 09	minerals (for example sand, stones) <sup>(Note 1)</sup>
19 12 10	combustible waste (refuse derived fuel)
19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
<b>19 13</b>	<b>Wastes from Soil and Groundwater Remediation</b>
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01 <sup>(Note 3)</sup>
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03 <sup>(Note 3)</sup>
<b>20</b>	<b>Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) Including separately collected fractions</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 01	paper and cardboard <sup>(Note 1)</sup>
20 01 08	biodegradable kitchen and canteen waste <sup>(Note 1)</sup>
20 01 10	Clothes <sup>(Note 1)</sup>
20 01 11	Textiles <sup>(Note 1)</sup>
20 01 25	edible oil and fat <sup>(Note 2) (Note 3)</sup>
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 30	detergents other than those mentioned in 20 01 29
20 01 32	medicines other than those mentioned in 20 01 31
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than that mentioned in 20 01 37 <sup>(Note 1)</sup>
20 01 39	Plastics <sup>(Note 1)</sup>
20 01 41	wastes from chimney sweeping
20 01 99	dog faeces from collection bins
<b>20 02</b>	<b>garden and park wastes (including cemetery waste)</b>
20 02 01	biodegradable waste <sup>(Note 2) (Note 3)</sup>
20 02 03	other non-biodegradable wastes
<b>20 03</b>	<b>other municipal wastes</b>

**Table S2.2 Permitted waste types and quantities for Energy Recovery plant**

**Maximum quantity** 200,000 tonnes per annum

<b>Waste code</b>	<b>Description</b>
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 06	waste from sewage cleaning
20 03 07	bulky waste
20 03 99	Beach Cleaning Residues

**Exclusions**

**Note 1.** It having been separately collected for recycling, it is subsequently unsuitable for recovery by recycling.

**Note 2.** Only where anaerobic digestion, composting or similar treatment is not a practical option.

**Note 3.** Only where the waste stream is not practical for recovery through agricultural or horticultural benefit or other similar means, and has a solid phase composition (no liquid phase wastes).

**Schedule 3 – conditions to be added**

None