

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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, 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 and absorbent hygiene product (AHP) comprising of nappies (and other AHP such as dressings, stoma bags, disposal aprons) which will be separately collect from domestic properties under a new AHP collection service.

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.

Status Log of the permit		
Detail	Date	Comments
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 th May 2015.
Additional information received	07/07/2015	Additional information received relating to queries regarding PCB's & calculations used in Habitats Assessment requested 29 th June 2015.

Additional information received	02/09/2015	Additional information received relating to waste types, site drainage and CEMS requested 11 th and 17 th August 2015.
Additional information received	07/09/2015	Additional information received relating to waste types and site drainage requested 4 th 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	20/12/2021	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 20/12/2021

Signed

Date

Rebecca Williams

20/12/2021

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

Table S2.2 Permitted waste types and quantities for Energy Recovery plant	
Maximum quantity	200,000 tonnes per annum
Waste code	Description
02	Wastes from Agriculture, Horticulture, Aquaculture, Forestry, Hunting and Fishing, Food Preparation and Processing
02 01	wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 03	plant-tissue waste ^(Note 2)
02 01 04	waste plastics (except packaging) ^(Note 1)
02 01 06	animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site ^(Note 2)
02 01 07	wastes from forestry
02 01 09	agrochemical wastes other than those mentioned in 02 01 08
02 02	wastes from the preparation and processing of meat, fish and other foods of animal origin
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 ^(Note 3)
02 03	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
02 03 02	wastes from preserving agents
02 03 03	wastes from solvent extraction
02 03 04	materials unsuitable for consumption or processing ^(Note 2)
02 03 05	sludges from on-site effluent treatment ^(Note 3)
02 04	wastes from sugar processing
02 04 03	sludges from on-site effluent treatment ^(Note 3)
02 05	wastes from the dairy products industry
02 05 01	materials unsuitable for consumption or processing ^(Note 2)
02 05 02	sludges from on-site effluent treatment ^(Note 3)
02 06	wastes from the baking and confectionery industry
02 06 01	materials unsuitable for consumption or processing ^(Note 2)
02 06 02	wastes from preserving agents
02 06 03	sludges from on-site effluent treatment ^(Note 3)
02 07	wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
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 ^(Note 2)
02 07 05	sludges from on-site effluent treatment ^(Note 3)
03	Wastes from Wood Processing and the Production of Panels and Furniture, Pulp, Paper and Cardboard
03 01	wastes from wood processing and the production of panels and furniture
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**

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

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

Waste code	Description
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
08 03	Wastes from MFSU of Printing Inks
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
08 04	Wastes from MFSU of Adhesive and Sealants (including Waterproof Products)
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
09	Wastes from the photographic industry
09 01	wastes from the photographic industry
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
12	Wastes from shaping and physical and mechanical surface treatment of metals and plastics
12 01	Wastes from Shaping and Physical and Mechanical Surface Treatment of Metals and Plastics
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
15	Waste Packaging; Absorbents, Wiping Cloths, Filter Materials and Protective Clothing not otherwise specified
15 01	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging ^(Note 1)
15 01 02	plastic packaging ^(Note 1)
15 01 03	wooden packaging ^(Note 1)
15 01 04	metallic packaging ^(Note 1)
15 01 05	composite packaging ^(Note 1)
15 01 06	mixed packaging ^(Note 1)
15 01 07	glass packaging ^(Note 1)
15 01 09	textile packaging ^(Note 1)
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
16	Wastes not otherwise specified in the list
16 01	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)
16 01 03	end-of-life tyres ^(Note 1)
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 19	Plastic ^(Note 1)
16 01 22	components not otherwise specified
16 02	wastes from electrical and electronic equipment
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**

Waste code	Description
16 03	off-specification batches and unused products
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
16 06	batteries and accumulators
16 06 04	alkaline batteries (except 16 06 03) ^(Note 1)
16 06 05	other batteries and accumulators ^(Note 1)
17	Construction and Demolition Wastes (including excavated soil from contaminated sites)
17 02	wood, glass and plastic
17 02 01	Wood ^(Note 1)
17 02 03	Plastic ^(Note 1)
17 03	Bituminous Mixtures, Coal Tar and Tarred Products
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
17 06	insulation materials and asbestos-containing construction materials
17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 ^(Note 1)
18	Wastes from Human and Animal Health Care and/or Related Research (except kitchen and restaurant wastes not arising from immediate health care)
18 01	wastes from natal care, diagnosis, treatment or prevention of disease in humans
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
18 02	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 03	wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02	Wastes from Research, Diagnosis, Treatment or Prevention of Disease involving Animals
18 02 06	chemicals other than those mentioned in 18 02 05
18 02 08	medicines other than those mentioned in 18 02 07
19	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
19 02	wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
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
19 03	stabilised/solidified wastes
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
19 05	wastes from aerobic treatment of solid wastes
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
19 06	wastes from anaerobic treatment of waste
19 06 04	digestate from anaerobic treatment of municipal waste ^(Note 3)
19 06 06	digestate from anaerobic treatment of animal and vegetable waste ^(Note 3)
19 08	Wastes from Waste Water Treatment Plants not otherwise specified

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

Waste code	Description
19 08 01	Screenings ^(Note 2)
19 08 05	sludges from treatment of urban waste water ^{(Note 2) (Note 3)}
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 ^{(Note 2) (Note 3)}
19 08 14	sludges from other treatment of industrial waste water other than those mentioned in 19 08 13 ^{(Note 2) (Note 3)}
19 09	Wastes from the Preparation of Water Intended for Human Consumption or Water for Industrial Use
19 09 01	solid waste from primary filtration and screenings
19 09 04	spent activated carbon
19 10	Wastes from Shredding of Metal-Containing Wastes
19 10 04	fluff-light fraction and dust other than those mentioned in 19 10 03
19 11	Wastes from Oil Regeneration
19 11 06	sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard ^(Note 1)
19 12 02	ferrous metal ^(Note 1)
19 12 03	non-ferrous metal ^(Note 1)
19 12 04	plastic and rubber ^(Note 1)
19 12 05	Glass ^(Note 1)
19 12 07	wood other than that mentioned in 19 12 06 ^(Note 1)
19 12 08	Textiles ^(Note 1)
19 12 09	minerals (for example sand, stones) ^(Note 1)
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
19 13	Wastes from Soil and Groundwater Remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01 ^(Note 3)
19 13 04	sludges from soil remediation other than those mentioned in 19 13 03 ^(Note 3)
20	Municipal Wastes (Household waste and similar commercial, industrial and institutional wastes) Including separately collected fractions
20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard ^(Note 1)
20 01 08	biodegradable kitchen and canteen waste ^(Note 1)
20 01 10	Clothes ^(Note 1)
20 01 11	Textiles ^(Note 1)
20 01 25	edible oil and fat ^{(Note 2) (Note 3)}
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 ^(Note 1)
20 01 39	Plastics ^(Note 1)
20 01 41	wastes from chimney sweeping
20 01 99	dog faeces from collection bins domestic type incontinence wastes nappy wastes from nurseries
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste ^{(Note 2) (Note 3)}

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

Waste code	Description
20 02 03	other non-biodegradable wastes
20 03	other municipal wastes
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