

Surrender notice with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Harworth Estates Investments Limited

Ironbridge Power Station
Buildwas Road
Ironbridge
Telford
Shropshire
TF8 7BL

Surrender application number

EPR/WP3339QJ/S002

Permit number

EPR/WP3339QJ

Ironbridge Power Station

Permit number EPR/WP3339QJ

Introductory note

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

The following notice gives notice of the surrender in part of an environmental permit.

The site is the former Ironbridge Power Station which ceased electricity generating activities some years ago:

- Ironbridge B Power Station stopped generating electricity on 20th of November 2015
- cooling towers were demolished on 6th of December 2019.
- 'Tank Bay' building was demolished on 22nd of January 2021.
- boiler house was demolished on 27th February 2021.
- chimney stack was demolished on 3rd of September 2021 and main plant has been demolished.

The site is substantially decommissioned with some remaining above and below ground infrastructure. The remaining infrastructure is being decommissioned and the site areas investigated and remediated (where necessary) as part of a staged remediation strategy with associated staged surrender of the permit.

This part surrender relates to Phase 1 of the staged surrender which includes land in Zone 5 of the staged remediation strategy. The following key infrastructure or operational activities were associated with this area: Heavy Fuel Oil store; former heating equipment and bund; diesel tank; waste storage areas (non-hazardous and hazardous); carpark; interceptors; discharge W5; depots; stores; and areas formerly occupied by rail track.

The permit allowed the following Schedule 1 EPR activities which were carried out at the site:

- Section 1.1 Part A(1)(a) - Burning any fuel in an appliance with a rated input of 50 MW or more in 2 generating units and 2 auxiliary boilers
- Section 3.5 B (f) - Pulverised Fuel Ash (PFA) handling and storage.

Whilst these activities are no longer operational, they have not been removed from the permit as they are not exclusively associated with this part surrender and further decommissioning is required.

The directly associated activities which supported the main activities have also ceased operation with the exception of surface water drainage.

Any changes made as a result of the part surrender are set out in the schedules.

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

Status log of the permit		
Description	Date	Comments
Application received	Duly Made 28/03/2006	Application for large combustion plant.
Additional information received	03/07/2006 14/08/2006 26/10/2006 10/11/2006 14/11/2006 21/02/2007	

Status log of the permit		
Description	Date	Comments
Permit determined EPR/HP3733LJ	27/03/2007	Original permit issued to E.ON UK plc.
Application variation EPR/HP3733LJ/V002		
Variation determined EPR/HP3733LJ/V002	23/01/2008	Varied permit issued.
Application variation EPR/HP3733LJ/V003	10/06/2009	
Additional information received	06/11/2009	
Variation determined EPR/HP3733LJ/V003	26/01/2010	Varied permit issued.
Application variation EPR/HP3733LJ/V004 Billing Reference: SP3832FL	13/02/2012	
Additional information received	23/03/2012	Response to Schedule 5 Notice dated 29/02/12 concerning the sourcing of wood pellets, emission points to air and accident management procedures.
Additional information received	18/04/2012	Optimisation of ESPs for dust control.
Additional information received	09/05/2012	Confirmation of compliance with eligibility criteria for ROCs.
Additional information received	23/05/2012	Additional details of dust management arrangements.
Variation determined EPR/HP3733LJ/V004	01/06/2012	Varied notice issued.
Variation determined EPR/HP3733LJ/V005	11/03/2013	Environment Agency Initiated Variation, to incorporate Eel Regulations improvement condition.
Application for Transfer (Full) EPR/NP3633RK/T001	Duly Made 09/07/2015	Application to transfer the permit (EPR/HP3733LJ) in full to Uniper UK Limited.
Transfer determined EPR/NP3633RK	26/08/2015	Full transfer of permit complete.
Variation determined EPR/NP3633RK/V002 (PAS Billing ref: BP3432RN)	22/12/2015	Agency initiated variation to include condition 2.1.2 requiring the operator to provide evidence that the facility will operate in accordance with Chapter III of the Industrial Emissions Directive. Varied permit issued.
Notified of change of registered office address	Duly made 05/01/2017	Registered office address changed to Compton House, 2300 The Crescent, Birmingham Business Park, Birmingham, B37 7YE.
Variation issued EPR/NP3633RK/V003	17/01/2017	Varied permit issued to Uniper UK Limited.
Application EPR/WP3339QJ/T001 (full transfer of permit EPR/NP3633RK)	Duly made 26/06/2018	Application to transfer the permit in full to Harworth Estates Investments Limited.
Transfer determined EPR/WP3339QJ	30/08/2018	Full transfer of permit complete.

Status log of the permit		
Description	Date	Comments
Part surrender application EPR/WP3339QJ/S002	Duly made 29/04/2022	Application to surrender part of the site in accordance with the Phase 1 Remediation Strategy (Appendix M of the Surrender Report). Phase 1 (Zone 5) includes the locations of the Heavy Fuel Oil store, former heating equipment and bund, diesel tank, waste storage areas (non-hazardous and hazardous), carpark, interceptors, depots, stores and areas formerly occupied by rail track.
Additional information received	06/10/2022	Receipt of Phase 1 Verification Report FINAL 04996-RPT-OUT-0063.
Additional information received	22/11/2022	Confirmation of removal of surface water discharge point W5.
Additional information received	02/12/2022	Confirmation of site boundary.
Part surrender determined EPR/WP3339QJ Billing reference WP3706SQ	06/12/2022	Part surrender complete.

End of introductory note

Notice of surrender

The Environmental Permitting (England and Wales) Regulations 2016

The Environment Agency in exercise of its powers under regulation 25 of the Environmental Permitting (England and Wales) Regulations 2016 accepts the surrender in part of

Permit number

EPR/WP3339QJ

Issued to

Harworth Estates Investments Limited (“the operator”)

whose principal office is

Advantage House

Poplar Way

Catcliffe

Rotherham

S60 5TR

company registration number 07532134

to operate a regulated facility at

Ironbridge Power Station

Buildwas Road

Ironbridge

Telford

Shropshire

TF8 7BL

to the extent set out in the schedules.

The notice shall take effect from 06/12/2022

Name	Date
Vicky Patchett	06/12/2022

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

None.

Schedule 2 – conditions to be amended

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

Table S1.1 as referenced by condition 2.1.1 is amended to acknowledge that the permitted activities (aside from surface water drainage) have ceased operation. Table S1.1 is amended to:

Table S1.1 activities		
Activity listed in Schedule 1 of the EP Regulations	Description of specified activity	Limits of specified activity
Section 1.1 Part A(1)(a)	Burning any fuel in an appliance with a rated input of 50MW or more in 2 generating units and 2 auxiliary boilers.	This activity is not operational.
Section 3.5 B (f)	Pulverised Fuel Ash (PFA) handling and storage.	This activity is not operational.
Directly Associated Activity		
Directly associated activity	Surface water drainage & process effluent	Handling and storage of site drainage until discharge to the river Severn.
Directly associated activity	Water treatment	This activity is not operational.
Directly associated activity	The generation and export of electricity	This activity is not operational.
Directly associated activity	Fuel storage	This activity is not operational.
Directly associated activity	The use of water from the River Severn to condense steam	This activity is not operational.

Table S4.2 as referenced by conditions 3.1.1, 3.6.1 and 3.6.4 is amended to remove emission point W5, the surface water drain from the carpark previously located within Phase 1 of the staged surrender plan. Table S4.2 is amended to:

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
W1 to ditch, tributary of the River Severn, shown on site plan in Schedule 2	Suspended solids	Run-off from rail hopper & additional coal stocks via interceptor	75mg/l	Any sample	Weekly	BS EN 872:1996 BS 6068-2.54:1996 or as agreed in writing with the

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
						Environment Agency
W1 to ditch, tributary of the River Severn, shown on site plan in Schedule 2	Mineral oils and hydrocarbons	Run-off from rail hopper & additional coal stocks via interceptor	5mg/l	Any sample	Weekly	SCA Blue Book 77 or as agreed in writing with the Environment Agency
W2 to the River Severn, shown on site plan in Schedule 2	Suspended solids	Coal stock via interceptor and ash plant via coal stock lagoon and further interceptor.	75mg/l	Any sample, taken at point M3i as shown on site plan in Schedule 2	Weekly	BS EN 872:1996 BS 6068-2.54:1996 or as agreed in writing with the Environment Agency
W2 to the River Severn, shown on site plan in Schedule 2	Mineral oils and hydrocarbons	Coal stock via interceptor and ash plant via coal stock lagoon and further interceptor.	5mg/l	Any sample, taken at point M3i as shown on site plan in Schedule 2	Weekly	SCA Blue Book 77 or as agreed in writing with the Environment Agency
W2 to the River Severn, shown on site plan in Schedule 2	Flow	Coal stock via interceptor and ash plant via coal stock lagoon and further interceptor.	3000 m ³ /day dry weather flow	Daily	Continuous	BS 3680 or as agreed in writing with the Environment Agency
W2 to the River Severn, shown on site plan in Schedule 2	Cr, Cu, Pb, Ni, Zn compounds (in total) as metals	Coal stock via interceptor and ash plant via coal stock lagoon and further interceptor.	0.5mg/l	Any sample, taken at point M3i as shown on site plan in Schedule 2	Monthly	BS EN ISO 11885:1998 BS 6068-2.60:1998 or as agreed in writing with the Environment Agency
W3 to the River Severn, shown on site plan in Schedule 2	Suspended solids	Turbine hall and boiler house drains via interceptors	75mg/l	Any sample	Weekly	BS EN 872:1996 BS 6068-2.54:1996 or as agreed in writing with the

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
						Environment Agency
W3 to the River Severn, shown on site plan in Schedule 2	Mineral oils and hydrocarbons	Turbine hall and boiler house drains via interceptors	5mg/l	Any sample	Weekly	SCA Blue Book 77 or as agreed in writing with the Environment Agency
W4 to the River Severn, shown on site plan in Schedule 2	Suspended solids	Station surface water drains via interceptor	75mg/l	Any sample	Weekly	BS EN 872:1996 BS 6068-2.54:1996 or as agreed in writing with the Environment Agency
W4 to the River Severn, shown on site plan in Schedule 2	Mineral oils and hydrocarbons	Station surface water drains via interceptor	5mg/l	Any sample	Weekly	SCA Blue Book 77 or as agreed in writing with the Environment Agency
W6 to the River Severn, shown on site plan in Schedule 2	Suspended solids	Cooling water via cooling towers and cooling water dock	Not increased by more than 50mg/l compared with the upstream river	Any sample	Weekly	BS EN 872:1996 BS 6068-2.54:1996 or as agreed in writing with the Environment Agency
W6 to the River Severn, shown on site plan in Schedule 2	Mineral oils and hydrocarbons	Cooling water via cooling towers and cooling water dock	Not increased by more than 5mg/l compared with the upstream river	Any sample	Weekly	SCA Blue Book 77 or as agreed in writing with the Environment Agency
W6 to the River Severn, shown on site plan in Schedule 2	Temperature	Cooling water via cooling towers and cooling water dock	30°C	Any sample	Continuous	
W6 to the River Severn, shown on site	Flow	Cooling water via cooling towers and	78,000m ³ /day	Daily	Continuous	

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point ref. & location	Parameter	Source	Limit (incl. unit)	Reference Period	Monitoring frequency	Monitoring standard or method
plan in Schedule 2		cooling water dock				
W6 to the River Severn, shown on site plan in Schedule 2	Free chlorine	Cooling water via cooling towers and cooling water dock	0.2mg/l	Any sample	Weekly	

Table S5.1 as referenced by condition 4.2.2 is amended to remove emission point W5. Table S5.1 is amended to:

Table S5.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Extractive sampling for SO ₂ , NO _x and particulate matter	A1	Annually	Permit issue
Mass emission data for SO ₂ , NO _x and particulate matter	A1	Monthly	Permit issue
Emission to water sample and analysis results	W1, W2, W3, W4, W6	Monthly	Permit issue
Surface water monitoring	M3(ii)	Monthly	Permit issue
Particulate matter compliance	A1	Monthly	Permit issue
Sulphur dioxide Operator B Limit	Relevant processes	When an operator wishes to make a transfer	Permit issue
Sulphur dioxide Operator B Limit	A1	Required with Form S01	Permit issue
Nitrogen Oxides Operator B Limit	Relevant processes	When an operator wishes to make a transfer	01/01/08
Nitrogen Oxides Operator B Limit	A1	Required with Form N01	01/01/08

Schedule 3 – conditions to be added

None.

Schedule 4 – amended plan

The area of the site is reduced to that shown in the attached amended plan.



W: Water Emission Point. M: Water Sampling Point. A: Air Emission Point.

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