

Surrender notice with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Veolia Energy & Utility Services UK PLC

Alderley Park Energy Centre

Alderley Park

Alderley Edge

SK10 4TG

Surrender application number

EPR/XP3139BM/S007

Permit number

EPR/XP3139BM

Alderley Park Energy Centre

Permit number EPR/XP3139BM

Introductory note

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

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

The operator has surrendered a parcel of land – ‘Block 9’. This was associated with a steam raising facility. The facility had not been operational since 2009 when it became obsolete following development of what is now the primary energy centre at ‘Block 63’. Associated air and water emissions have been removed, along with monitoring and reporting requirements for those points.

The site boundary around ‘Block 63’ has been amended to correct previous variation errors. Reference to the site plan drawing I&C-006/EA/001, dated 18/05/2020, has been removed as this has been updated and is now included in Schedule 4.

Plant associated with emission points A4 and A5 and A6 and A7 are existing plant for the purposes of MCPD.

There are no other changes to the operations permitted.

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 BS2879	16/07/2003	
Additional information received	29/10/2003	
Permit issued BS2879	06/01/2004	
Full permit transfer EPR/XP3139BM	01/01/2005	Permit transferred in full to Dalkia Utilities Service Plc
Variation application EPR/XP3139BM/V002	Received 30/04/2007	
Variation determined	02/08/2007	Varied permit issued
Variation application EPR/XP3139BM/V003	Received 31/03/2009	
Variation determined	05/05/2009	Varied permit issued
Variation application EPR/XP3139BM/V004	16/12/2014	Change of company name and company registered address
Variation determined	09/02/2015	Varied permit issued to Veolia Energy & Utility Services UK Plc
Part surrender application EPR/XP3139BM/S007	Duly made 14/12/2016	Application to surrender Block 104 and associated boilers, chemical tanks and land

Status log of the permit		
Description	Date	Comments
Schedule 5 response	22/03/2017	Drainage plan, laboratory certificates for investigation reports, proposed lateral inspection and sampling methodology
	31/07/2017	Final Site Condition Report No R7135/SCR with intrusive investigation data results
Response to Request for Further Information	15/12/2017	Revised Site Plan
Part surrender determined EPR/XP3139BM	15/12/2017	Part surrender complete
Variation application EPR/XP3139BM/V006	Duly made 20/05/2020	Application to update the site's existing combustion plant including the removal of two existing boilers and the associated emission points.
Response to request for information email, dated: 24/06/2020	24/06/2020	Confirmation of the type of fuel used for backup.
Response to Schedule 5 Notice, dated: 05/08/2020	03/09/2020	Confirmation of which emission points are to be removed and further information on the revised stack dimensions.
Variation determined EPR/XP3139BM/V006	08/10/2020	Varied permit issued to Veolia Energy & Utility Services UK Plc.
Part surrender application EPR/XP3139BM/S007	Duly made 25/11/2020	Application to surrender land occupied by Block 9 and associated emission points and tanks.
Additional information	04/02/2021	Updated site boundary plan.
Additional information	18/05/2021	Updated site condition report, November 2020 (r1 May 2021)
Part surrender determined EPR/XP3139BM (Billing ref. BP3706LR)	09/07/2021	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/XP3139BM

Issued to

Veolia Energy & Utility Services UK PLC (“the operator”)

whose registered office is

**210 Pentonville Road
London
N1 9JY**

company registration number 02585759

to operate a regulated facility at

**Alderley Park Energy Centre
Alderley Park
Alderley Edge
SK10 4TG**

to the extent set out in the schedules.

This notice shall take effect from 09/07/2021.

Name	Date
James Lidgett	09/07/2021

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 a result of the application made by the operator:

- Table 1.1.1 as referenced by condition 1.1.1 is amended as follows:

Table 1.1.1		
Activity listed in Schedule 1 of the EP regulations / associated activity	Description of specified activity	Limits of specified activity
Section 1.1 A(1)(a): Combustion activities	Burning gas and gas oil in an appliance with a rated capacity greater than 50 MWth	Introduction of gas and gas oil to burners to export of HPHW and steam into the distribution system. All combustion appliances at block 63
Storage of gas oil	Gas oil storage at block 63	For limited use i.e. when gas supply fails or for limited testing and essential maintenance purposes
Treatment of feed water	Chemical treatment and storage at block 63	Storage of chemicals to introduction to process

- Table 2.1.1 as referenced by condition 2.1.1 is amended as follows. Reference to the site plan drawing I&C-006/EA/001, dated 18/05/2020, has been removed as this has been updated and is now included in Schedule 4:

Table 2.1.1 Operating Techniques		
Description	Parts	Date Received
Application	The responses in section B2.1 given in pages 17 to 22 of the application	16/07/2003
Schedule 4 notice response	The response given to Question 10	29/10/2003
Supporting material for a variation to PPC Permit XP3139BM. Reference number VARXP3139BM. Date 30/04/07.	C2 Proposed techniques	30/04/2007
Supporting material for a variation to a PPC Permit XP3139BM. Case Ref: JP3235GX. Date: 31/03/09	C2 Proposed Techniques	31/03/2009

- Table 2.2.1 as referenced by condition 2.2.1.2 is amended to remove emission points A13 to A23:

Table 2.2.1 Emission points to air		
Emission point ref. or description	Source	Location of emission point
A1	12.8 MWth input LTHW boiler, 63LTHW1, Block 63	Stack H, as marked on the site plan in Schedule 4
A2	12.8 MWth input LTHW boiler, 63LTHW2, Block 63	Stack H, as marked on the site plan in Schedule 4

Table 2.2.1 Emission points to air		
Emission point ref. or description	Source	Location of emission point
A3	11.3 MWth input natural gas fired CHP engine, 63CHP1, Block 63	Stack H, as marked on the site plan in Schedule 4
A4 ¹	15 MW high pressure hot water boiler, 63B01, Block 63	Stack H, as marked on the site plan in Schedule 4
A5 ¹	15 MW high pressure hot water boiler, 63B02, Block 63	Stack H, as marked on the site plan in Schedule 4
A6	5 MW steam boiler, 63BSR6, Block 63	Stack H, as marked on the site plan in Schedule 4
A7	5 MW steam boiler, 63BSR7, Block 63	Stack H, as marked on the site plan in Schedule 4
A8 and A9	Removed as a result of variation EPR/XP3139BM/V006	
A11 and A12	Removed as a result of partial surrender EPR/XP3139BM/S005	
A13 to A23	Removed as a result of partial surrender EPR/XP3139BM/S007	
A24	1.78 MWth input combi-boiler, 63WHB1, Block 63	Stack H, as marked on the site plan in Schedule 4
Note 1: On completion of improvement condition 7, emission points A4 and A5 will be deemed to be removed from the permit.		

- Table 2.2.2 as referenced by condition 2.2.1.3 is amended to remove emission points A13 to A23:

Table 2.2.2 Emission limits to air and monitoring				
Emission point ref.	Parameter	Limit (incl. reference period)	Monitoring frequency	Monitoring method
A1, A2 (gas firing)	Oxides of nitrogen	100 mg/m ³	Annually	MCERTS BS EN 14792
	Carbon monoxide	100 mg/m ³	Annually	MCERTS BS EN 15058
A1, A2 (oil firing)	Oxides of nitrogen	200 mg/m ³	Annually if oil is burnt for more than 96 hours continuously in the year	MCERTS BS EN 14792
	Carbon monoxide	100 mg/m ³		MCERTS BS EN 15058
	Particulates	40 mg/m ³		MCERTS BS EN 13284-1
A3 (gas firing)	Oxides of nitrogen	95 mg/m ³	Annually	MCERTS BS EN 14792
	Carbon monoxide	319 mg/m ³	Annually	MCERTS BS EN 15058
A4 ¹ , A5 ¹ , A6 and A7 (gas firing)	Oxides of nitrogen	140 mg/m ³	Annually	MCERTS BS EN 14792
	Carbon monoxide	100 mg/m ³	Annually	MCERTS BS EN 15058

Table 2.2.2 Emission limits to air and monitoring				
Emission point ref.	Parameter	Limit (incl. reference period)	Monitoring frequency	Monitoring method
A4 ¹ , A5 ¹ A6 and A7 (oil firing)	Oxides of nitrogen	200 mg/m ³	Annually if oil is burnt for more than 96 hours continuously in the year	MCERTS BS EN 14792
	Carbon monoxide	100 mg/m ³		MCERTS BS EN 15058
	Particulates	40 mg/m ³		MCERTS BS EN 13284-1
A8 and A9	Removed as a result of variation EPR/XP3139BM/V006			
A11 and A12	Removed as a result of partial surrender EPR/XP3139BM/S005			
A13 to A23	Removed as a result of partial surrender EPR/XP3139BM/S007			
A24 (gas firing)	Oxides of nitrogen	100 mg/m ³	Annually	MCERTS BS EN 14792
	Carbon monoxide	100 mg/m ³	Annually	MCERTS BS EN 15058
A24 (oil firing)	Oxides of nitrogen	200 mg/m ³	Annually if oil is burnt for more than 96 hours continuously in the year	MCERTS BS EN 14792
	Carbon monoxide	100 mg/m ³		MCERTS BS EN 15058
	Particulates	40 mg/m ³		MCERTS BS EN 13284-1
Note 1: On completion of improvement condition 7, emission points A4 and A5 will be deemed to be removed from the permit.				

- Table S2 as referenced by conditions 4.1.2.1 and 4.1.2.2 is amended as follows:

Table S2 Reporting of monitoring data			
Parameter	Emission point	Reporting period	Period begins
Oxides of nitrogen mg/m ³	A1, A2, A3, A4 ¹ , A5 ¹ , A6, A7 and A24	Annually	1 January
Carbon monoxide mg/m ³	A1, A2, A3, A4 ¹ , A5 ¹ , A6, A7 and A24	Annually	1 January
Particulates mg/m ³	A1, A2, A4 ¹ , A5 ¹ , A6, A7 and A24	Annually if oil is burnt for more than 96 hours continuously in the year	Immediately after initial commissioning
Note 1: On completion of improvement condition 7, emission points A4 and A5 will be deemed to be removed from the permit.			

- Table 2.2.4 as referenced by condition 2.2.2.3 is amended as follows:

Table 2.2.4 Emission points to water		
Emission point ref. or description	Source	Receiving water
Block 63 drainage	Drainage from roofs via interceptor	On site stream connecting to Pedley Brook

- Table 2.2.7 as referenced by condition 2.2.2.7 is amended as follows:

Table 2.2.7 Emission points to sewer		
Emission point ref. or description	Source	Receiving water
S1 (Block 63)	Block 63 boiler blowdown and stack drain	Site sewerage system received by United Utilities

Schedule 3 – conditions to be added

None.

Schedule 4 – amended plan

The site plan in Schedule 5 as referenced by condition 1.2.1 is replaced by the following amended plan to reflect the updated permit boundary.

