

Surrender notice with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

Coryton Asset Limited
Thames Enterprise Park
The Manorway
Coryton
Stanford-le-Hope
Essex
SS17 9LQ

Surrender application number

EPR/JP3734JP/S002

Permit number

EPR/JP3734JP

Thames Enterprise Park

Permit number EPR/JP3734JP

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 effect of this partial surrender notice is to remove several redundant activities from the permit because the site no longer operates as an oil refinery. The activities being removed from the permit include both 'listed' activities under Schedule 1, Part 2 of the Environmental Permitting Regulations (2016) (the regulations), and their respective Directly Associated Activities (DAA's), as follows:

Listed activities:

- S1.1 A(1)(a) Burning any fuel in an appliance with a rated thermal input of >50MW
- S1.2 A(1)(g) Refining mineral oils
- S1.2 A(1)(g) Refining mineral oils secondary operations
- S4.2 A(1)(a)(v) Producing inorganic chemicals
- S5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste >10 tonnes per day

DAA's:

- Flaring of Gas
- Cooling water systems
- Lagoons
- Steam and electrical power supply (electricity generation and export)
- Steam and electrical power supply (CHP and standby boilers)

The changes made to the permit include the removal of other requirements that are related to the redundant activities, including emission points to air and/or surface water, and monitoring requirements which are no longer applicable to the operation of the installation. The source description for the remaining emissions points to water have been updated to reflect the current situation. The temperature limit on emission points W3 and W5, and the maximum daily flow rate on emission point W5 are no longer required to be reported and have been removed from the permit. These emission limits are no longer relevant for the discharges being made due to the cessation of refinery operations. Finally, the continuous monitoring requirements on emission points W1, W4 and W6 have also been removed.

We have also taken the opportunity to update the description of activity A4 in table S1.1 of the permit in accordance with the regulations. The EPR reference for the activity, which relates to the loading, unloading, handling or storage of, or the physical, chemical or thermal treatment of crude oil, has been changed from S1.2 Part A(1)(h) to S1.2 Part A(1)(e)(i).

No land is being surrendered from the installation at this time therefore no assessment of the condition of the land upon which the redundant activities were carried out has been made. Such an assessment will be required in the future and will be undertaken when the operator applies to surrender land from within the installation boundary.

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
Permit determined BP3135LK (EPR/BP3135LK/A001)	31/03/08	Permit issued to Petroplus Refining and Marketing Limited.

Status log of the permit		
Description	Date	Comments
Variation issued EPR/BP3135LK/V002	20/04/09	-
Variation application EPR/BP3135LK/V003	Duly made 11/01/10	Administrative application to change registered office address.
Variation issued EPR/BP3135LK	25/01/10	-
Variation application EPR/BP3135LK/V004	Duly made 07/09/11	Variation to complete improvement conditions IC5 and IC13.
Variation determined	15/12/11	-
Transfer application EPR/UP3330ZF/T001	25/09/12	Application to transfer the permit in full from Petroplus Refining and Marketing Limited to Morzine (U.K. Branch) Limited.
Transfer determined	28/09/12	-
Environment Agency variation determined EPR/UP3330ZF/V002	29/05/13	Environment Agency variation to implement the changes introduced by IED.
Partial surrender application EPR/UP3330ZF/S003	17/05/16	Partial surrender to remove CTC Building and associated storage and workshops.
Additional information received	05/05/16	Confirmation of CAR form actions and new installation boundary plan.
Administrative variation EPR/UP3330ZF/V004	20/06/16	Company name and address change.
Partial surrender determined EPR/UP3330ZF/S003	20/06/16	-
Application EPR/JP3734JP/T001 (full transfer of permit EPR/UP3330ZF)	Duly made 24/02/18	Application to transfer the permit in full to Coryton Asset Limited.
Transfer determined EPR/JP3734JP Billing ref: JP3734JP	16/03/18	Full transfer of permit complete. Name of regulated facility changed from 'Thames Oilport' to 'Thames Enterprise Park'.
Part surrender application EPR/JP3734JP/S002	Duly made 11/09/19	Application to surrender several redundant activities from the permit. Land not surrendered at this stage - assessment of any impact of these activities will be required at land surrender stage.
Additional information received in response to emails dated 18/11/19, 03/12/19, and 10/01/20	02/12/19, 10/01/20 and 13/01/20	Details of emission points to air and surface water wholly related to the redundant activities, for removal from the permit.
Part surrender determined EPR/JP3734JP PAS / Billing ref: AP3703BS	06/02/2020	Part surrender notice issued.

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/JP3734JP

Issued to

Coryton Asset Limited ("the operator")

whose registered office is

44 The Esplanade

St Helier

Jersey

JE4 9WG

company registration number **FC030945**

to operate a regulated facility at

Thames Enterprise Park

The Manorway

Coryton

Stanford-le-Hope

Essex

SS17 9LQ

to the extent set out in the schedules.

This notice shall take effect from 06/02/2020.

Name	Date
Sifelani F Mpofu	06/02/2020

Authorised on behalf of the Environment Agency

Schedule 1 – conditions to be deleted

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

- Condition 3.7 (Monitoring for the purposes of the Large Combustion Plant Directive) incorporating sub-conditions 3.7.1 to 3.7.6, is deleted
- Condition 4.3.8 (Notification of closure of Large Combustion Plant) is deleted
- Table S1.4 (Appropriate measures for fugitive emissions) as referenced by condition 3.3.1 of the permit is deleted
- Table S4.1b (Point source emissions to air - bubble emission limit and monitoring requirements) as referenced by conditions 3.1.1 and 3.6.1 of the permit is deleted
- Table S4.3a (Annual limits) as referenced by conditions 3.1.3 and 3.6.1 of the permit is deleted
- Table S4.3b (LCPD Annual limits) as referenced by conditions 3.1.3 and 3.6.1 of the permit is deleted
- Table S4.4 (Ambient air monitoring requirements) as referenced by condition 3.6.1 of the permit is deleted
- Table S4.5 (Process monitoring requirements) as referenced by condition 3.6.1 of the permit is deleted
- Table S5.2 (Annual production/treatment) as referenced by condition 4.2.1 of the permit is deleted
- Table S5.3 (Performance parameters) as referenced by condition 4.2.1 of the permit is deleted

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 (activities) as referenced by condition 2.1.1 of the permit is amended as follows:

Table S1.1 activities			
Activity reference	Activity listed in Schedule 1 of the EP Regulations	Description of specified activity and WFD Annex I and II operations	Limits of specified activity and waste types
A4	S1.2 A(1)(e)(i)	The loading, unloading, handling or storage of, or the physical, chemical or thermal treatment of crude oil	From receipt of crude to operation of crude distillation unit including: (i) crude unit 3CDU (annual throughput, 9,140,000 te).
A7	S5.4 A(1)(a)(i)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving biological treatment.	Including aeration basins and activated sludge plants to the discharge point to controlled waters.
A8	S5.4 A(1)(a)(ii)	Disposal of non-hazardous waste with a capacity exceeding 50 tonnes per day involving physico-chemical treatment.	Including oil separators, dissolved air flotation units, clarifiers (sedimentation plant), general filtration plant, reverse osmosis plant, and sludge tanker loading.
Activity reference	Directly Associated Activity		
A12	Water treatment.	All water treatment activities.	From receipt of raw materials to dispatch of effluents to sewer or site waste water treatment system and export of demineralised water to the refinery for use in processes.
A14	Surface water drainage.	Collection and handling of surface waters within installation.	Handling and storage of site drainage until discharge to the site waste water treatment system or to discharge off-site.

- Table S4.1a (Point source emissions to air - emission limits and monitoring requirements) as referenced by conditions 3.1.1 and 3.6.1 of the permit is amended as follows:

Table S4.1a Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method Note 1
A38 Waste water treatment plant	Waste water treatment plant	No parameters set	No limit set	-	-	-
Tank vents	External floating roof and fixed roof tanks	VOCs	No limit set	-	-	Based on USEPA method 21
Relief valves	Process/handling/storage thermal and pressure relief	VOCs	No limit set	-	-	-

Note 1: Permanent sampling access not required for emission point A38, tank vents and pressure relief valves

- Table S4.2 (Point source emissions to water (other than sewer) - emission limits and monitoring requirements) as referenced by conditions 3.1.1 and 3.6.1 of the permit is amended as follows:

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit) ^{Note 1}	Reference Period	Monitoring frequency	Monitoring standard or method
W1, W4, W6 on fig B1.3c of application [3 inter-connected outfall pipes] Emission to Holehaven Creek	Process waters via effluent treatment plant & surface water from N moat.	Maximum volume flow	87,000 m ³ /day from each point	Daily	Note 4	Note 4
		Temperature	33 °C ^{Note 2}	Daily	Note 4	Note 4
		pH	6-9	Spot sample	Daily	BS 6068-2.50:1995 ISO10523:1984
		Oil in water	10 mg/l	Spot sample	Daily	CRM 322
			5 mg/l	Monthly mean	Daily	
		Ammoniacal nitrogen	5 mg/l	Spot sample	Daily	Hach Method 8155
		BOD	30 mg/l	Spot sample	Twice weekly	Hach Method 10089
		COD	600 mg/l	Spot sample	Daily	CRM 287
		Phenols	0.5 mg/l	Spot sample	Weekly	TM062
		Sulphide	1 mg/l	Spot sample	Weekly	TM101
		Suspended solids	No limit set ^{Note 3}	Spot sample	Weekly	TM022
		Copper	150 µg/l	Spot sample	Quarterly	TM152
		Nickel	40 µg/l	Spot sample	Quarterly	TM152
		Zinc	150 µg/l net	Spot sample	Quarterly	TM152
		Chromium	40 µg/l	Spot sample	Quarterly	TM152
		Lead	15 µg/l net	Spot sample	Quarterly	TM152
		Arsenic	90 µg/l	Spot sample	Quarterly	TM152
		Cyanide	No limit set ^{Note 3}	Spot sample	Quarterly	Note 1

Table S4.2 Point Source emissions to water (other than sewer) – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (incl. unit) ^{Note 1}	Reference Period	Monitoring frequency	Monitoring standard or method
		Cadmium	10 µg/l	Spot sample	Quarterly	TM152
		Mercury	1 µg/l	Spot sample	Quarterly	TM127
		Fluoride	No limit set ^{Note 3}	Spot sample	Quarterly	^{Note 4}
W3 on fig B1.3c of application. Emission to Thames Estuary	South moat surface water via Dorr Oliver oil separators.	Maximum daily volume flow	65,000 m ³ /day	Daily	Continuous	Ultrasonic
		BOD	200 mg/l	Spot sample	Twice weekly	Hach Method 10089
		COD	No limit set ^{Note 3}	Spot sample	Daily	^{Note 4}
		Oil in water	10 mg/l	Spot sample	Daily	CRM 322
			5 mg/l	Monthly mean	Daily	
W5 on fig B1.3c of application. Emission to Thames Estuary	Return river silt	BOD	No limit set ^{Note 3}	Spot sample	Weekly	^{Note 4}
		COD	No limit set ^{Note 3}	Spot sample	Daily	^{Note 4}
		Oil in water	15 mg/l	Spot sample	Daily	CRM 322
			10 mg/l	Monthly mean	Daily	

Note 1: Gross limits unless otherwise specified.

Net limit calculation as agreed in writing with the Environment Agency.

Metals limits as “total”.

Note 2: Subject to the results of Improvement Condition 2

Note 3: Subject to the results of Improvement Condition 36

Note 4: As agreed in writing with the Environment Agency

Note 5: Description as agreed in writing with the Environment Agency

- Table S5.1 (Reporting of monitoring data) as referenced by condition 4.2.2 of the permit is amended as follows:

Table S5.1 Reporting of monitoring data			
Parameter	Emission or monitoring point/reference	Reporting period	Period begins
Emissions to water Parameters as required by condition 3.6.1	W1, W3, W4, W5, W6	Every 3 months	From permit issue

Schedule 3 – conditions to be added

None.