

# **Notice of variation and consolidation with introductory note**

The Environmental Permitting (England & Wales) Regulations 2016

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**Puma Energy (UK) Limited**

**Puma Energy (UK) Limited  
Milford Haven Site  
Milford Haven  
Pembrokeshire  
SA73 3JD**

Variation number

**EPR/KP3036AX/V012**

Permit number

**EPR/KP3036AX**

# Puma Energy (UK) Limited

## Permit number EPR/KP3036AX

### Introductory note

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

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

Permit variation following the publication of the revised Best Available Techniques (BAT) Reference Document (BRef) for the Refining of Mineral Oil and Gas. The associated BAT conclusions to this document were published on the 9th October 2014 in the Official Journal of the European Union.

This variation incorporates the changes required by the Industrial Emissions Directive following a statutory review of permits in the Refinery sector. These include the amendment of the wording of several permit conditions relating to notifications, changes to emission limits and monitoring requirements and also includes the addition of a condition relating to a requirement for monitoring of groundwater and soil. The interpretation section of the permit has also been updated and the opportunity has been taken to consolidate the original permit and subsequent variations.

The rest of the installation is unchanged and continues to be operated as follows:

**Location:** The installation is located 3.5 km to the northwest of Milford Haven, Pembrokeshire. The centre of the site is at National Grid Reference 18852085 (SM 885085). The site covers an area of 150 Ha. Four settlements are located within 1000 metres of the installation boundary. Robeston West lies approximately 300 metres to the north, Herbrandston village approximately 1000 metres to the southwest, Rickeston approximately 750m to the northwest and Thornton village approximately 1500 metres to the south east of the installation boundary. The site is connected via a series of pipelines to 3 jetties on the north side of Milford Haven waterway

**Key activities:** The purpose of the site is to store and distribute crude oil and other petroleum products for sale into various markets. The site store fuels on site and distribute via ship, rail and road networks.

**Jetty and Wayleave :** The operator loads oil products onto ships and off-loads crude oil from ships via a jetty on the North shore of the Milford Haven waterway. The jetty comprises 3 individual berthing points. The jetty is linked to the site (approximately 2km away) by 13 wayleave pipelines that are buried underground for most of their length.

**Rail and Road Loading:** The operator loads petroleum products via their on-site rail gantry for onwards distribution at other UK Fuel Terminals. The facility also operates a Road Tanker Wagon Loading area for the supply of fuels into local markets.

*Waste water treatment facility (WWTP):* All process water, surface water and ballast water are treated in the on-site WWTP. The WWTP consists of equalisation basins to ensure that the feed to the WWTP is fairly consistent, aerated plate interceptor (API) to remove oil and suspended solids from the feed, an aerated lagoon where aerobic bacteria further breakdown oil and nitrogen containing compounds, followed by a settling lagoon before discharge into the Milford Haven waterway.

The schedules specify the changes made to the 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>Description</b>	<b>Date</b>	<b>Comments</b>
Application EPR/EP3838LG received	Duly made 06/09/06	
Additional information received	02/02/07	Response to Schedule 4 notice issued 08/12/06
Additional information received	15/02/07	Response to Schedule 4 notice issued 08/12/06
Additional information received	21/03/07	Response to Schedule 4 notice issued 08/12/06
Additional information received	16/02/07	Response to Schedule 4 notice issued 06/02/07
Additional information received	26/04/07	Response to Schedule 4 notice issued 09/03/07
Additional information received	03/07/07	Historical data for water emission monitoring (04-07)
Additional information received	08/09/07	Historical data for air emission monitoring (04-07)
Additional information received	21/09/07	Information on metal and fluoride releases to water
Additional information received	25/09/07	Annual VOC emissions
Additional information received	04/10/07	Email detailing water testing methods
Additional information received	23/10/07	Email regarding particulate testing capability
Additional information received	29/10/07	Additional information on annual SO <sub>2</sub> releases
Permit EPR/EP3838LG Issued	30/10/07	Original permit issued to Total (UK) Limited

**Status log of the permit**

Description	Date	Comments
Transfer application EPR/AP3830XQ	Duly Made 30/10/07	To transfer Permit from total (UK) Limited to Murco Petroleum Limited
Transfer Issued	30/11/07	Permit transferred from total (UK) Limited to Murco Petroleum Limited
Agency Initiated Variation Notice CP3639XE	Issued 18/12/07	
Variation Application EPR/AP3830XQ/V003	Duly Made 06/04/09	Addition of new CHP plant.
RFI	20/05/09	
Variation Issued EPR/AP3830XQ/V003	28/07/09	
Variation application EPR/AP3830XQ/V004	Duly Made 11/09/09	
RFI	02/12/09	
Response to RFI	03/12/09	Information on the derivation of emission rates used in air dispersion modelling
Response to RFI	04/12/09	Justification for excluding CO emissions from air dispersion modelling
RFI	11/12/09	Provided 14/12/09 Email confirmation that the increased hydrotreater throughput remains within permitted limits
Variation Issued EPR/AP3830XQ/V004	15/01/10	Variation issued to Murco Petroleum Limited
Variation Application EPR/AP3830XQ/V005	Duly Made 31/01/12	SRU caustic scrubber and amendment to table S4.3(a) annual limits for sulphur dioxide. Addition of improvement condition IC34
Variation Issued EPR/AP3830XQ/V005	30/04/12	Variation issued to Murco Petroleum Limited
Variation Application EPR/AP3830XQ/V006	Duly made 14/12/12	Application to add Bio-ethanol Blending as an activity
Variation determined EPR/AP3830XQ/V006	12/03/13	Variation issued to Murco Petroleum Limited
Environment Agency variation determined EPR/AP3830XQ/V007	21/03/13	Environment Agency variation to implement the changes introduced by IED
Variation Application EPR/AP3830XQ/V008	Duly made 15/04/14	Application to vary the emission limits and monitoring for SO <sub>2</sub> on 3 emission points
Variation determined EPR/AP3830XQ/V008	15/07/14	Varied permit issued.
Variation Application EPR/AP3830XQ/V009	Duly made 28/11/14	Application to vary the permit to remove listed activities and emission points associated with oil refining operations.

**Status log of the permit**

Description	Date	Comments
Variation determined EPR/AP3830XQ/V009	18/12/14	Varied permit issued.
Variation Application EPR/AP3830XQ/V010	Duly made 09/04/15	Application to vary the permit to remove combustion plant listed activity and associated LCP conditions. Addition of non-listed combustion DAA for storage tank heating. Amendment of crude oil storage activity, by removal of storage limit.
Variation determined EPR/AP3830XQ/V010	13/05/15	Varied permit issued.
Transfer Application EPR/KP3036AX/T001	Duly Made 22/05/15	Application to transfer the permit to Puma Energy (UK) Limited
Transfer Application EPR/KP3036AX/T001 Determined	01/07/15	Permit EPR/KP3036AX Issued to Puma Energy (UK) Limited
Variation Application EPR/AP3830XQ/V011	Duly Made 18/10/16	Application to vary the permit to add a Direct Associated Activity – LPG Blending into Gasoline
Variation determined EPR/AP3830XQ/V011	31/10/16	Varied permit issued.
Permit Review Issued EPR/KP3036AX/V012	25/03/21	Reviewed against Refinery BREF Note. Consolidated permit issued.

End of introductory note

## Notice of variation and consolidation

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 and consolidates

Permit number  
**EPR/KP3036AX**

issued to  
**Puma Energy (UK) Limited** (“the operator”)

whose registered office is

**Westerleigh Terminal Oakleigh Green Farm Lane  
Westerleigh  
Bristol  
England  
BS37 8QE**

company registration number **09156625**

to operate a regulated facility at

**Puma Energy (UK) Limited  
Milford Haven Site  
Milford Haven  
Pembrokeshire  
SA73 3JD**

to the extent set out in the schedules.

The notice shall take effect from 25/03/2021

Signed	Date
<b>Holly Noble</b>	<b>25/03/2021</b>

Authorised on behalf of Natural Resources Wales

**Schedule 1**

All conditions have been varied by the consolidated permit as a result of an Natural Resources Wales initiated variation.

**Schedule 2 – consolidated permit**

Consolidated permit issued as a separate document.