

Notice of variation with introductory note

Environmental Permitting (England & Wales) Regulations 2010

Rapier Energy Ltd

Billingham Waste Oil Facility
New Road
Haverton Hill
Billingham
Teesside
TS23 1LE

Variation application number

EPR/PP3137ML/V004

Permit number

EPR/PP3137ML

Billingham Waste Oil Facility

Permit number EPR/PP3137ML

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.

Schedule 1 to the Environmental Permitting Regulations has been updated by the Environmental Permitting (England and Wales) (Amendment) Regulations 2013 to reflect the implementation of the Industrial Emissions Directive into England and Wales. This variation implements the changes made to Schedule 1 of the Regulations into Table S1.1 of the permit. Table S1.1 specifies the activities authorised by the permit.

The schedules to this variation 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		
Description	Date	Comments
PPC permit application PP3137ML	Duly made 06/03/07	
Additional information received	03/08/07	
PPC permit PP3137ML issued	19/10/07	
Variation application EPR/PP3137ML/V002 (variation and consolidation)	Duly made 23/08/10	Application to vary and consolidate waste permit EPR/FP3899SQ (EAWML 60122) and PPC permit PP3137ML.
Variation determined consolidated permit number EPR/PP3137ML	18/01/11	Varied permit issued.
Variation application EPR/PP3137ML/V003	Duly made 08/05/12	Application to vary permit.
Variation determined EPR/PP3137ML	01/06/12	Varied permit issued.
Agency variation determined EPR/PP3137ML/V004	30/01/14	Agency variation to implement the changes introduced by IED.

End of introductory note

Notice of variation

Environmental Permitting (England and Wales) Regulations 2010

The Environment Agency in exercise of its powers under regulation 20 of the Environmental Permitting (England and Wales) Regulations 2010 varies

Permit number
EPR/PP3137ML

issued to:
Rapier Energy Ltd ("the operator")

whose registered office is

70 Northburn Road
Coatbridge
Lanarkshire
ML5 2HY

company registration number **SC314151**

to operate a regulated facility at

Billingham Waste Oil Facility
New Road
Haverton Hill
Billingham
Teesside
TS23 1LE

to the extent set out in the schedules.

The notice shall take effect from 30/01/2014.

Name

Date

Damien Matthias

30/01/2014

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, following an Environment Agency initiated variation:

- Condition 1.2.1 now reads:
For the activities referenced AR1 and AR2 in schedule 1, table S1.1, the operator shall:
 - (a) take appropriate measures to ensure that energy is used efficiently in the activities;
 - (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
 - (c) take any further appropriate measures identified by a review.
- Condition 1.3.1 now reads:
For the activities referenced AR1 and AR2 in schedule 1, table S1.1, the operator shall:
 - (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
 - (b) maintain records of raw materials and water used in the activities;
 - (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
 - (d) take any appropriate further measures identified by a review.
- Condition 1.4.1 now reads:
For the activities referenced AR1 and AR2 in schedule 1, table S1.1, the operator shall:
 - (a) take appropriate measures to ensure that waste produced by the activities is avoided or reduced, or where waste is produced it is recovered wherever practicable or otherwise disposed of in a manner which minimises its impact on the environment;
 - (b) review and record at least every four years whether changes to those measures should be made; and
 - (c) take any further appropriate measures identified by a review.

- Condition 4.2.2 now reads:

For the activities referenced AR1 and AR2 in schedule 1, table S1.1, a report or reports on the performance of the activities over the previous year shall be submitted to the Agency by 31 January (or other date agreed in writing by the Agency) each year. The report(s) shall include as a minimum:

- (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production/treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- Table S1.1, S1.4, S2.1, S2.2, S2.3 and S3.2 are amended to reflect the changes to Schedule 1 of the Environmental Permitting Regulations introduced by the Industrial Emissions Directive. The tables now read:

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
AR1	Section 5.3 A(1)(a)(ii) Disposal or recovery of hazardous waste in a facility with a capacity exceeding 10 tonnes per day by physico-chemical treatment <i>Waste oils defined as per the Waste Oil Directive – "WOD"</i>	Treatment of WOD oils: R3: Recycling/reclamation of organic substances which are not used as solvents.	Reception, bulking, blending and treatment of WOD oils to dispatch of treated oils and wastes arising from treatment. Treatment operations shall be limited to: <ul style="list-style-type: none"> • heating; • gravity separation and settlement; • chemical treatment (demulsifying and deashing); and • centrifuging and/or filtration. Permitting quantities and waste types as specified in table S2.1.
AR2	Section 5.6 A(1)(a) Temporary storage of hazardous waste in a facility with a total capacity exceeding 50 tonnes	Storage of WOD oils: R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).	Receipt and storage of WOD oils and treated oils to dispatch of treated oils and wastes arising from treatment. Permitting quantities and waste types as specified in table S2.1.

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
Directly Associated Activity			
AR3	Effluent treatment plant and discharge to sewer	D9: Physico-chemical treatment of non-hazardous waste.	From receipt at the effluent treatment plant to discharge of the treated liquid effluent to foul sewer and dispatch of wastes arising from the treatment. Waste types limited to: <ul style="list-style-type: none"> • non-hazardous liquid effluent produced from on-site treatment of WOD oil and non-WOD oil; and • oil contaminated rainwater from tank bunds. Quantity of waste for treatment shall not exceed 40 tonnes per day or 120 tonnes at any one time.
AR4	Discharges to sewer	Collection of surface water and discharge to sewer via interceptor.	From collection of process wastewater to transfer to sewer.
		Description of activities for waste operations	Limits of activities
AR5	Storage and treatment of non-WOD oils. R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced). R3: Recycling/reclamation of organic substances which are not used as solvents.		Reception, bulking, blending and treatment of non-WOD oils to dispatch of treated oils and wastes arising from treatment. Treatment operations shall be limited to: <ul style="list-style-type: none"> • heating; • gravity separation and settlement; • chemical treatment (demulsifying and deashing); and • centrifuging and/or filtration. Permitted quantities and waste types as specified in table S2.1.
AR6	Waste transfer for the purposes of disposal. D14: Repackaging prior to submission to any of the operations numbered D1 to D13. D15: Storage pending any of the operations numbered D1 to D14 (excluding temporary waste storage, pending collection, on the site where it was produced).		Storage of wastes for off-site disposal. Permitted quantities and waste types as specified in table S2.2.
AR7	Waste transfer for the purposes of recovery. R13: Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced).		Storage of wastes for off-site recovery. Permitted quantities and waste types as specified in table S2.3.

Table S1.4 Pre-operational measures for future development		
Reference	Operation	Pre-operational measures
PO1	Storage of waste oil in refurbished Tanks 5, 6 and 7. Storage of waste oil in new Tanks 8 to 13 (Tank numbering as per Appendix 1 and Appendix 2 of the supporting information to variation application EPR/PP3137ML/V002)	At least 4 weeks prior to the storage of waste oil in a refurbished or new tank, the following shall be provided to the Environment Agency for approval: 1. A report from a qualified structural engineer that confirms the construction / integrity of the storage tank and associated site surfacing meets the requirements of Sections 2.1.3 and 2.2.5 of Sector Guidance Note IPPC S5.06; and 2. A report from a qualified structural engineer that confirms the design, method of construction and integrity of the associated bund meets the following standards: - Section 2.2.5 Sector Guidance Note IPPC S5.06; and CIRIA Report 164 on Design of Containment Systems for the prevention of water pollution from industrial incidents, for tanks with a capacity of > 25 m ³ (ISBN: 0 86017 476X).
PO2	Operation of a Waste Transfer Station, (activity reference AR6 and AR7 in table S1.1).	At least 4 weeks prior to operation of the Waste Transfer Station, the following shall be provided to the Environment Agency for approval: - A report from a qualified structural engineer that confirms the integrity of the site surfacing and kerbing meets the requirements of Sections 2.1.3 and 2.2.5 of Sector Guidance Note IPPC S5.06.

Table S2.1 Combined permitted waste types and quantities for storage and treatment of both non-WOD and WOD waste oils (activity references AR1, AR2 and AR5)	
Maximum quantity	Quantity of waste oils for storage / treatment shall not exceed 250 tonnes per day or 24,800 tonnes per annum. The maximum amount of waste oils stored on site at any one time shall not exceed 2,700 tonnes.
Waste code	Description
01	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
01 05	drilling muds and other drilling wastes
01 05 05*	oil-containing drilling muds and wastes
05	WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL
05 01	wastes from petroleum refining
05 01 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
05 01 12*	oil containing acids

Table S2.1 Combined permitted waste types and quantities for storage and treatment of both non-WOD and WOD waste oils (activity references AR1, AR2 and AR5)

Maximum quantity	Quantity of waste oils for storage / treatment shall not exceed 250 tonnes per day or 24,800 tonnes per annum. The maximum amount of waste oils stored on site at any one time shall not exceed 2,700 tonnes.
Waste code	Description
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 08*	other still bottoms and reaction residues
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 08*	other still bottoms and reaction residues
08	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 03	wastes from MFSU of printing inks
08 03 19*	disperse oil
10	WASTES FROM THERMAL PROCESSES
10 01	wastes from power stations and other combustion plants (except 19)
10 01 04*	oil fly ash and boiler dust
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 05	wastes from zinc thermal metallurgy
10 05 08*	wastes from cooling-water treatment containing oil
10 07	wastes from silver, gold and platinum thermal metallurgy
10 07 07*	wastes from cooling-water treatment containing oil
10 08	wastes from other non-ferrous thermal metallurgy
10 08 19*	wastes from cooling-water treatment containing oil
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 06*	mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07*	mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 09*	machining emulsions and solutions free of halogens
12 01 10*	synthetic machining oils
12 01 18*	metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19*	readily biodegradable machining oil
13	OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)
13 01	waste hydraulic oils
13 01 01*	hydraulic oils, containing PCBs, (subject to the limits in Directive 96/59/EC)
13 01 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
13 01 09*	mineral-based chlorinated hydraulic oils
13 01 10*	mineral based non-chlorinated hydraulic oils
13 01 11*	synthetic hydraulic oils
13 01 12*	readily biodegradable hydraulic oils
13 01 13*	other hydraulic oils

Table S2.1 Combined permitted waste types and quantities for storage and treatment of both non-WOD and WOD waste oils (activity references AR1, AR2 and AR5)

Maximum quantity	Quantity of waste oils for storage / treatment shall not exceed 250 tonnes per day or 24,800 tonnes per annum. The maximum amount of waste oils stored on site at any one time shall not exceed 2,700 tonnes.
Waste code	Description
13 02	waste engine, gear and lubricating oils
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
13 02 08*	other engine, gear and lubricating oils
13 03	waste insulating and heat transmission oils
13 03 01*	insulating or heat transmission oils containing PCBs, (subject to the limits in Directive 96/59/EC)
13 03 06*	mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07*	mineral-based non-chlorinated insulating and heat transmission oils
13 03 08*	synthetic insulating and heat transmission oils
13 03 09*	readily biodegradable insulating and heat transmission oils
13 03 10*	other insulating and heat transmission oils
13 04	bilge oils
13 04 01*	bilge oils from inland navigation
13 04 02*	bilge oils from jetty sewers
13 04 03*	bilge oils from other navigation
13 05	oil/water separator contents
13 05 01*	solids from grit chambers and oil/water separators
13 05 02*	sludges from oil/water separators
13 05 03*	interceptor sludges
13 05 06*	oil from oil/water separators
13 05 07*	oily water from oil/water separators
13 05 08*	mixtures of wastes from grit chambers and oil/water separators
13 07	wastes of liquid fuels
13 07 01*	fuel oil and diesel
13 07 02*	petrol
13 07 03*	other fuels (including mixtures)
13 08	oil wastes not otherwise specified
13 08 01*	desalter sludges or emulsions
13 08 02*	other emulsions
16	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)
16 07 08*	wastes containing oil
16 10	aqueous liquid wastes destined for off-site treatment
16 10 02	aqueous liquid wastes other than those mentioned in 16 10 01
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 04*	premixed wastes composed of at least one hazardous waste

Table S2.1 Combined permitted waste types and quantities for storage and treatment of both non-WOD and WOD waste oils (activity references AR1, AR2 and AR5)

Maximum quantity	Quantity of waste oils for storage / treatment shall not exceed 250 tonnes per day or 24,800 tonnes per annum. The maximum amount of waste oils stored on site at any one time shall not exceed 2,700 tonnes.
Waste code	Description
19 02 07*	oil and concentrates from separation
19 08	wastes from waste water treatment plants not otherwise specified
19 08 09	grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 10*	grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
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 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25

Table S2.2 Permitted waste types and quantities for bulking / storage prior to off-site disposal (activity reference AR6)

Maximum quantity	The combined quantity of waste for off-site transfer, (activity references AR6 and AR7) shall not exceed: <ul style="list-style-type: none"> - 70 tonnes per day; - 184 tonnes at any one time; or - 4,999 tonnes per annum. No more than 10 tonnes of hazardous waste shall be accepted for disposal per day.
Waste code	Description
15	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
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 14*	antifreeze fluids containing dangerous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14

Table S2.3 Permitted waste types and quantities for bulking / storage prior to off-site recovery (activity reference AR7)

Maximum quantity	The combined quantity of waste for off-site transfer, (activity references AR6 and AR7) shall not exceed: <ul style="list-style-type: none"> - 70 tonnes per day; - 184 tonnes at any one time; or - 4,999 tonnes per annum.
Waste code	Description
07	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 03*	organic halogenated solvents, washing liquids and mother liquors

Table S2.3 Permitted waste types and quantities for bulking / storage prior to off-site recovery (activity reference AR7)

Maximum quantity	The combined quantity of waste for off-site transfer, (activity references AR6 and AR7) shall not exceed: <ul style="list-style-type: none"> - 70 tonnes per day; - 184 tonnes at any one time; or - 4,999 tonnes per annum.
Waste code	Description
07 01 04*	other organic solvents, washing liquids and mother liquors
07 02	wastes from the MFSU of plastics, synthetic rubber and man-made fibres
07 02 03*	organic halogenated solvents, washing liquids and mother liquors
07 02 04*	other organic solvents, washing liquids and mother liquors
13	OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19)
13 07	wastes of liquid fuels
13 07 03*	other fuels (including mixtures)
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 02	plastic packaging
15 01 04	metallic packaging
15 01 10*	packaging containing residues of or contaminated by dangerous substances
15 01 11*	metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers
15 02	absorbents, filter materials, wiping cloths and protective clothing
15 02 02*	absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
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 07*	oil filters
16 01 12	brake pads other than those mentioned in 16 01 11
16 01 13*	brake fluids
16 01 14*	antifreeze fluids containing dangerous substances
16 01 15	antifreeze fluids other than those mentioned in 16 01 14
16 05	gases in pressure containers and discarded chemicals
16 05 04*	gases in pressure containers (including halons) containing dangerous substances
16 05 05	gases in pressure containers other than those mentioned in 16 05 04
16 06	batteries and accumulators
16 06 01*	lead batteries
16 06 02*	Ni-Cd batteries
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators

Table S2.3 Permitted waste types and quantities for bulking / storage prior to off-site recovery (activity reference AR7)

Maximum quantity	The combined quantity of waste for off-site transfer, (activity references AR6 and AR7) shall not exceed: <ul style="list-style-type: none"> - 70 tonnes per day; - 184 tonnes at any one time; or - 4,999 tonnes per annum.
Waste code	Description
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 27*	paint, inks, adhesives and resins containing dangerous substances
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27

Table S3.2 Point source emissions to sewer, effluent treatment plant or other transfers off-site- emission limits and monitoring requirements

Emission point ref. & location	Parameter	Source	Limit (incl. Unit)	Reference period	Monitoring frequency	Monitoring standard or method
S1- as marked on site plan in schedule 7. Emission to Northumbrian Water, Bran Sands Wastewater Treatment Works, (activity references AR3 and AR4).	Subject to improvement condition IC08	Site surface water runoff via a petrol / oil interceptor Process effluent from on-site waste oil treatment, (oil / water separation) and oil contaminated bund water				Subject to improvement condition IC08. Sampling point to be established.

Schedule 3 – conditions to be added

None