



Environment Agency

Notice of variation with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

Adler & Allan Limited
Rainham Waste Management Facility
Unit 24
Salamons Way, off Ferry Lane South
Rainham
Essex
RM13 9UL

Variation application number

EPR/BP3934MQ/V003

Permit number

EPR/BP3934MQ

Rainham Waste Management Facility

Permit number EPR/BP3934MQ

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.

The site is permitted as a waste treatment and transfer station for both hazardous and non-hazardous waste. This variation authorises the addition of metal drum and plastic container washing with consequent crushing and shredding of the washed drums and containers. Nominally empty containers will be washed using a jet wash to remove their contents. The washing of containers of hazardous waste is listed in the permit as a new activity (S5.3A(1)ii Disposal or recovery of hazardous waste through physico-chemical treatment) as it is aggregated with the other hazardous waste scheduled activities taking place on site as required by the Regulations. The shredding and crushing operations undertaken after cleaning are considered Directly Associated Activities.

The schedules 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
Application received	Duly made 14/02/2007	
Additional information received	12/06/2007 & 02/07/2007	
Permit determined EPR/BP3934MQ	29/10/2007	Permit issued to Adler & Allan Limited
Application 2 (variation and consolidation)	Duly made 27/11/2012	Application to vary and update the permit to modern conditions. Consolidation of WML 80669 and EPR/BP3934MQ
Additional information received	30/11/2012	Confirmation of waste tonnages
	14/12/2012	Confirmation of sewer discharge volume
	25/01/2013	Response to schedule 5 notice including clarification of recovery and disposal codes, list of wastes, tonnages, hazard codes and skip sorting process
	08/02/2013	Additional confirmation of response to schedule 5 notice. Further information about the activated carbon treatment, destination of recovered oils and storage limits.
Variation determined EPR/BP3934MQ	04/03/2013	Varied and consolidated permit issued in modern condition format.
Application EPR/BP3934MQ/V003	Duly made 29/12/2016	Application to include the new activities of drum washing, crushing and shredding.
Variation determined PAS billing reference: SP3736DG	03/03/2017	Varied permit issued to Adler & Allan Limited

End of introductory note

Notice of variation

The 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/BP3934MQ

Issued to

Adler & Allan Limited ("the operator")

whose registered office is

**80 Station Parade
Harrogate
North Yorkshire
HG1 1HQ**

company registration number 00318460

to operate a regulated facility at

**Rainham Waste Management Facility
Unit 24
Salamons Way, off Ferry Lane South
Rainham
Essex
RM13 9UL**

to the extent set out in the schedules.

The notice shall take effect from 03/03/2017.

Name	Date
Sifelani Mpfu	03/03/2017

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:

Condition 2.1.1 is amended such that table S1.1 in Schedule 1 is amended to:

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
A1	S5.3A1(a)	<p>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving:</p> <p>iii) blending or mixing prior to submission to any of the other activities listed in this Section or in Section 5.1</p> <p>iv) repackaging prior to submission to any of the other activities listed in this Section or in Section 5.1</p> <p>D13 – Blending or mixing prior to submission to any of the operations numbered D01 to D12.</p> <p>D14 - Repackaging prior to submission to any of the operations numbered D01 to D13</p> <p>R3 – Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4 – Recycling reclamation of metals and metal compounds</p> <p>R5 – Recycling/reclamation of other inorganic materials</p>	<p>Blending or mixing, bulking up and repackaging of hazardous waste for recovery or disposal (D13, D14, R3, R4 and R5).</p> <p>Waste types and quantities specified in Schedule 2 table S2.1.</p> <p>Maximum storage capacity of 72.5 tonnes at any one time for wastes in table S2.1 and S2.3.</p>
A2	S5.3A1(a)	<p>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving:</p> <p>ii) physico-chemical treatment</p> <p>R3 – Recycling/reclamation of organic substances which are not used as solvents</p>	<p>Waste types and quantities as specified in Schedule 2, table S2.2.</p> <p>Disposal or recovery of oils and oil contaminated wastes with oil water separation by gravity settlement (D9 and R3).</p> <p>Maximum storage capacity of 336 tonnes at any one time for wastes in table S2.2.</p>

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
		<p>D9 - Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the operations numbered D01 to D12</p>	
A3	S5.6A(1)(a)	<p>Temporary storage of hazardous waste with a total capacity exceeding 50 tonnes pending an of the activities listed in Sections 5.1, 5.2, 5.3, and paragraph (b) of this Section except -</p> <p>(i) temporary storage, pending collection, on the site where the waste is generated, or</p> <p>(ii) activities falling within Section 5.2.</p> <p>R13 – Storage of wastes pending any of the operations numbered R01 to R12 (excluding temporary storage pending collection on the site where it is produced).</p> <p>D15 - Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced).</p>	<p>Waste types and quantities as specified in tables S2.1 and S2.2.</p> <p>Maximum storage capacity of 336 tonnes at any one time for wastes in table S2.2.</p> <p>Maximum storage capacity of 72.5 tonnes at any one time for wastes in table S2.1 and S2.3.</p>
A4	S5.3A(1)(a)	<p>Disposal or recovery of hazardous waste with a capacity exceeding 10 tonnes per day involving:</p> <p>ii) physico-chemical treatment</p> <p>R3 – Recycling/reclamation of organic substances which are not used as solvents</p> <p>R4 – Recycling reclamation of metals and metal compounds</p> <p>D9 - Physico-chemical treatment not specified elsewhere which results in final compounds or mixtures which are disposed of by any of the</p>	<p>Treatment of nominally empty containers using a jet washer.</p> <p>Treatment limited to hazardous waste types in table S2.4</p>

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
		operations numbered D01 to D12	
Directly Associated Activity			
A5	Activated carbon treatment	Activated carbon treatment of effluent from oil water gravity settlement as described in A2	Activated carbon treatment of effluent after gravity oil separation with a capacity of less than 50 tonnes per day. Discharge to sewer in accordance with Trade Effluent Consent from Thames Water.
A6	Crushing of metal drums	Crushing of metal drums for disposal or recycling	Crushing of drums which have been fully emptied of their contents and cleaned by the jet wash unit.
A7	Shredding of plastic containers	Shredding of plastic containers for recycling	Shredding of containers which have been fully emptied of their contents and cleaned by the jet wash unit.
Activity reference	Description of activities for waste operations	Limits of activities	
A8	<p>Storage and bulking of non-hazardous waste for disposal or recovery</p> <p>D13 – Blending or mixing prior to submission to any of the operations numbered D01 to D12.</p> <p>D14 -Repackaging prior to submission to any of the operations numbered D01 to D13</p> <p>D15 - Storage pending any of the operations numbered D01 to D14 (excluding temporary storage pending collection on the site where it is produced).</p> <p>R3 - Recycling/reclamation of organic substances which are not used as solvents.</p> <p>R4 – Recycling/reclamation of metals and metal compounds.</p> <p>R5 – Recycling/reclamation of other inorganic materials.</p> <p>R13 - Storage of wastes pending any of the operations numbered R01 to R12 (excluding temporary storage pending collection on the site where it is produced).</p>	<p>The capacity for bulking, segregation, and repacking of non-hazardous waste for disposal or recovery shall not exceed 50 tonnes per day (D13, D14, D15, R3, R4, R5 and R13).</p> <p>Waste types and quantities as specified in Schedule 2, table S2.3.</p> <p>Maximum storage capacity of 72.5 tonnes at any one time for wastes in table S2.1 and S2.3.</p> <p>No more than a total of 50 tonnes of intact and shredded waste vehicle tyres (waste codes 16 01 03 and 19 12 04) shall be stored at the site.</p>	

Condition 2.3.1 (a) is amended such that table S1.2 is amended to:

Table S1.2 Operating techniques		
Description	Parts	Date Received
Application	The response to section B2.1 (excluding 2.1.3 and 2.1.5), B2.2, B2.3 and B2.8 in the application.	14/02/07
Schedule 4 Notice Request dated 12/06/2007	Response to all questions	28/06/07
Application EPR/BP3934MQ/V002	Response to Form C3, question 3a - technical standards	18/09/12
Email, further response to Schedule 5	Response to question 1	08/02/13
Variation Application EPR/BP3934MQ/V003	Work Instruction 32 Drum crushing submitted with the application document. Work Instruction 31 Shredder Operation submitted with the application documents.	Application 09/09/2016
Variation Application EPR/BP3934MQ/V003	Email response chain to request for further information (not duly made) providing clarification on the non-technical summary, activities carried out on site, bunded treatment area, storage areas and shredding activity	29/12/2016
Variation Application EPR/BP3934MQ/V003	Updated site infrastructure plan and drainage details	27/01/2017
Variation Application EPR/BP3934MQ/V003	Email response providing clarification on the bund for the jet washing area and waste types for washing and shredding.	03/02/2017

Condition 2.3.2(a) is amended to:

- (a) it is of a type and quantity listed in schedule 2 tables S2.1, S2.2, S2.3; and S2.4 and

Table S2.4 is included below:

Table S2.4 Permitted waste types and quantities for washing of metal and plastic containers (Activities A4, A6 and A7)	
Maximum quantity	The annual through put of all wastes in tables S2.1 to S2.4 is limited to a total of no more than 4100 tonnes per year.
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 05*	oil spills
05 01 06*	oily sludges from maintenance operations of the plant or equipment
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

Table S2.4 Permitted waste types and quantities for washing of metal and plastic containers (Activities A4, A6 and A7)

Maximum quantity	The annual through put of all wastes in tables S2.1 to S2.4 is limited to a total of no more than 4100 tonnes per year.
Waste code	Description
08 04	wastes from MFSU of adhesives and sealants (including water proofing products)
08 04 17*	rosin oil
10	Wastes from thermal processes
10 02	wastes from the iron and steel industry
10 02 11*	wastes from cooling-water treatment containing oil
10 03	wastes from aluminium thermal metallurgy
10 03 27*	wastes from cooling-water treatment containing oil
10 04	wastes from lead thermal metallurgy
10 04 09*	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 06	wastes from copper thermal metallurgy
10 06 09*	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 10*	synthetic machining oils
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 04*	chlorinated emulsions
13 01 05*	non-chlorinated emulsions
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
13 02	waste engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils

Table S2.4 Permitted waste types and quantities for washing of metal and plastic containers (Activities A4, A6 and A7)

Maximum quantity	The annual through put of all wastes in tables S2.1 to S2.4 is limited to a total of no more than 4100 tonnes per year.
Waste code	Description
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 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
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 hazardous substances
15 01 11*	metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers
16	Wastes not otherwise specified in the list
16 07	wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

Table S2.4 Permitted waste types and quantities for washing of metal and plastic containers (Activities A4, A6 and A7)

Maximum quantity	The annual through put of all wastes in tables S2.1 to S2.4 is limited to a total of no more than 4100 tonnes per year.
Waste code	Description
16 07 08*	wastes containing oil
16 10	aqueous liquid wastes destined for off-site treatment
16 10 01*	aqueous liquid wastes containing hazardous substances
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 07*	oil and concentrates from separation
19 08	wastes from waste water treatment plants not otherwise specified
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

Schedule 3 – conditions to be added

None