



ENVIRONMENT  
AGENCY

# Variation Notice with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

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Mekatek Ltd

Amex Park  
Llanstephan Road  
Johnstown  
Carmarthen  
SA31 3NF

Variation Notice Number  
TP3435XD

Permit number  
YP3937SH

# Mekatek Ltd

## Permit Number YP3737SH

### Introductory note

***This introductory note does not form a part of the permit***

The following notice is issued under regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a permit issued under the Regulations to operate an installation. The notice comprises schedule 1 containing conditions to be deleted, schedule 2 conditions to be amended and schedule 3 conditions to be added.

This variation increases the capacity of the existing pre-treatment systems that serve the main biological treatment plant by installing two additional activated sludge treatment tanks. This biological treatment is a section 5.3 Part A(1)(c)(i) listed activity under schedule 1 to the PPC Regulations which is already authorised in the permit. The increased pre-treatment will not increase the overall treatment throughput of the biological treatment plant because the pre-treated landfill leachate from the additional activated sludge tanks will replace extracted water that is introduced into the main biological treatment plant to reduce toxic shock and maintain hydraulic loading on the trickling filters.

An additional waste storage tank containing non-hazardous high strength landfill leachate and other industrial effluents prior to pre-treatment and final treatment through the main biological treatment plant is also to be constructed. This storage pending treatment (D15) is a directly associated activity to section 5.3 Part A(1)(c)(i) under schedule 1 to the PPC Regulations.

The treatment of hazardous sludge's within the biodegradation area of the installation will no longer be undertaken. This will activity previously authorised under Section 5.3. Part (A)(1)(a) of the permit has therefore been removed as part of this variation.

Status Log of the permit		
Detail	Date	Response Date
Application YP3937SH	Received 19/10/05	---
Request for further information	Request dated 10/10/05	Response dated 17/10/05
Request to extend determination	Request dated 06/04/06	Request accepted 19/04/06
Request for further information	Request dated 27/04/06	Response dated 03/05/06
Permit determined	16/06/06	---
Variation Application received	02/01/08	---
Variation Application Duly Made	07/01/08	---
Schedule 7 Notice: Request for further information	Request dated 14/03/08	Response dated 3 April 2008
Variation issued	15 April 2008	---

End of Introductory Note

**Permit**

Pollution Prevention and Control  
Regulations 2000



**ENVIRONMENT  
AGENCY**

## Variation Notice

Permit number

**YP3937SH**

Variation number

**TP3435XD**

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

**Mekatek Ltd** ("the operator"),

whose registered office is

**28 Terminus Road**

**Millhouses**

**Sheffield**

**S7 2LH**

company registration number **1905259**

to operate an installation at

**Mekatek Ltd**

**Amex Park**

**Llanstephan Road**

**Johnstown**

**Carmarthen**


**SA31 3NF**

to the extent set out in schedules 1 to 3 of this variation notice

The notice shall take effect from 16 April 2008

Signed

Date

	15 April 2008
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**Mark Broom**

Authorised to sign on behalf of the Agency

## SCHEDULE 1 – CONDITIONS TO BE DELETED

- Schedule 6B – ‘Permitted wastes for Biodegradation Area’ shall be deleted.

## SCHEDULE 2 – CONDITIONS TO BE AMENDED

- Table 1.1.1 in permit YP3937SH shall be amended as follows:

Table 1.1.1			
Activity listed in Schedule 1 of the PPC Regulations or Directly-associated Activity	Description of Specified Activity and WFD Annex IIA and IIB operations	Permitted Capacity of Specified Activity	Waste types by EWC
<b>Section 5.3 Part A(1)(a)</b> Disposal of hazardous waste (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	<b>D15</b> , Storage pending disposal – classification and segregation into waste types during storage. <b>D14</b> , Repackaging – Over drumming & re-containerising of wastes for transfer pending onward disposal. <b>D13</b> , Mixing or blending – compatible wastes with same properties and hazards.	<b>Transfer Station</b> (150 tonnes) In the location specified in site plan 1.2.1 dated November 2007 and figure 1 layout plan in appendix 10 of the application	Wastes specified in Schedule 6 A
	<b>D15</b> , Storage pending disposal – Storage of solid wastes in sealed and closed skips.	<b>Transfer Station Laydown Area</b> (40 tonnes) In the location specified in site plan 1.2.1 dated November 2007 and figure 1 layout plan in appendix 10 of the application	17 06 01* insulation materials containing asbestos. 17 06 05* construction materials containing asbestos
	<b>D13</b> , Mixing or blending – compatible wastes , pH adjustment.	<b>High Strength Biodegradable Effluent Area</b> (total 1169.75 tonnes) consisting of the following tanks HSB A to I Tanks SOT A and SOT B (454 tonnes)	Wastes specified in Schedule 6 C
<b>Directly associated activities</b> Crushing and compaction of nominally empty drums and containers.	<b>R3</b> , Recycling/reclamation of organic substances which or not used as solvents - recovery of plastic and plastic packaging. <b>R4</b> , Recycling/reclamation of metals and metal compounds – recovery of metal and metal packaging.	<b>Transfer Station</b> (150 tonnes) In the location specified in site plan 1.2.1 dated November 2007 and figure 1 layout plan in appendix 10 of the application.	15 01 10* packaging containing residues of or contaminated by dangerous substances
<b>Directly associated activities</b> Mixing or blending non-hazardous aqueous liquid wastes with aqueous liquid hazardous wastes.	<b>D13</b> , Mixing or blending – compatible wastes , pH adjustment.	<b>High Strength Biodegradable Effluent Area</b> (total 1169.75 tonnes) consisting of the following tanks HSB A to I Tanks SOT A and SOT B (454 tonnes)	Wastes specified in Schedule 6 F

Table 1.1.1			
Activity listed in Schedule 1 of the PPC Regulations or Directly-associated Activity	Description of Specified Activity and WFD Annex IIA and IIB operations	Permitted Capacity of Specified Activity	Waste types by EWC
<b>Section 5.3 Part A(1)(b)</b> Disposal of waste oils (other than by incineration or landfill) in a facility with a capacity of more than 10 tonnes per day.	<b>R13</b> , Storage pending recovery – oils for onward recovery. <b>R3</b> , Recycling/reclamation of organic substances which are not used as solvents - recovery of oil.	<b>Free Oil Separation Area</b> (104.4 tonnes) Tanks FOS A to FOS F In the location specified site plan 1.2.1 dated November 2007 and plan No. 6 dated February 2005 in appendix A6 of the application.	Wastes specified in Schedule 6 D
		<b>Soluble Oil Facility</b> (508.4 tonnes) Tanks SOT A to SOT H In the location specified in site plan 1.2.1 dated November 2007 and plan No. 5 dated August 2005 in appendix A6 of the application.	Wastes specified in Schedule 6 E
<b>Section 5.3 Part A(1)(c)</b> Disposal of non-hazardous waste in a facility with a capacity of more than 50 tonnes per day by - (i) biological treatment, not being treatment specified in any paragraph other than paragraph D8 in Annex IIA to Council Directive 75/442/EEC, which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D12 in that Annex (D8).	<b>D8</b> , Biological treatment - inoculation with bacteria, aeration, sludge activation, settlement and clarification.	<b>Biological Treatment Plant</b> (total 6179.5 tonnes) consisting of the following tanks: HSB A to I (715.75 tonnes), BTP 1 to 4 (1089.6 tonnes), BTP SST 1 to 3 (104.75 tonnes), Aeration tanks 5 to 7 [Tank 5, Tank 6 and ASTT7](1954 tonnes), Activated sludge aeration tanks ASTT 8 and ASTT 9 (1362 tonnes), Primary clarifiers 1 and 2 (544.8 tonnes), Secondary clarifiers 1 and 2 (408.6 tonnes) in the locations specified in site plan 1.2.1 dated November 2007 and plan No. 7 dated August 2005 in appendix A6 of the application.	Wastes specified in Schedule 6 F
<b>Directly associated activities</b> Storage and mixing or blending of non-hazardous wastes pending disposal by biological treatment.	<b>D15</b> , Storage pending disposal <b>D13</b> , Mixing or blending – wastes	<b>Biological Treatment Plant</b> Tanks HSB A to J (2985.75 tonnes), In the locations specified in site plan 1.2.1 dated November 2007	

2. Table 2.1.1 in permit YP3937SH shall be amended as follows:

Table 2.1.1: Operating techniques		
Description	Parts	Date Received
Application	The response to questions B2.1.2, to B2.1.23, given in pages 13 to 25 of the application, excluding sections B2.1.4, B2.1.5, B2.1.12, B2.1.13, B2.1.17, B2.1.18, and B2.1.19.	19/10/05
Supplementary document and additional information to questions in sections B2.2.10 to 2.12.1 of the application provided by Mekatek Limited in their letter to the Environment Agency dated 17 October 2005	The response to sections B2.2.12 to B2.2.44 given in the additional information excluding responses to sections B2.2.14, B2.2.15, B2.2.16, B2.2.18, B2.2.24 and B2.2.36.	19/10/05
Application for variation	The response to questions 1.2, 2.1 to 2.12 (inclusive), 3.1 and 4.1 to 4.3 (inclusive) in Part C of the Application Form.	02/01/08
Response to Schedule 7 Notice	Answers to questions 1 to 8 in response to the Schedule 7 notice dated 14 March 2008.	04/04/08
Improvement Programme	All reports and plans submitted and agreed with the Agency, as part the Improvement Programme detailed in Table 1.4.1 shall form part of the sites operating techniques.	See Improvement Programme in Table 1.4.1

### SCHEDULE 3 – CONDITIONS TO BE ADDED

1. None