



**ENVIRONMENT
AGENCY**

Permit with introductory note

Pollution Prevention and Control Regulations 2000

***Aylesford Newsprint Limited
Bellingham Way
Aylesford Kent
ME20 7DL***

Permit number

BJ7336/BJ7336

Contents

Introductory note.....	iii
Permit	1
Conditions	2
1 The permitted installation.....	2
2 Operational Matters	5
3 Records.....	13
4 Reporting	14
5 Notifications	15
6 Emissions.....	16
7 Transfer to effluent treatment plant.....	28
8 Off site conditions	29
9 Improvement programme.....	30
10 Interpretation.....	33
11 Written agreement to changes.....	35
Schedule 1.....	36
Schedule 2.....	38
Schedule 3.....	41
END OF PERMIT	41

Introductory note

This introductory note does not form a part of the Permit

The following Permit is issued under Regulation 10 of the Pollution Prevention and Control Regulations 2000 (S.I.2000 No.1973) ("the PPC Regulations") to operate part of an installation carrying out one or more of the activities listed in Part1 to Schedule 1 of those Regulations, to the extent authorised by the Permit.

The Permit includes conditions that have to be complied with. It should be noted that aspects of the operation of the installation which are not regulated by those conditions are subject to the condition implied by Regulation 12(10) of the PPC Regulations, that the Operator shall use the best available techniques for preventing or, where that is not practicable, reducing emissions from the installation.

Techniques include both the technology used and the way in which the installation is designed, built, maintained, operated and decommissioned.

Brief description of the installation regulated by this permit

The main purpose of the activities at the installation is:-

The permitted process is the production of newsprint from waste paper and includes the associated processes of fibre preparation, de-inking, effluent treatment and sludge combustion. The activities include the operation of a Fibre Preparation Plant to pulp the waste newspaper and magazines into a form suitable for supply to the two paper machines. Production of newsprint is achieved through 2 machines, producing approximately 400 000 tonnes per annum of newsprint entirely from waste paper and magazines. Sludge residues from the process are utilised as fuel. A sludge combustion unit provides energy to meet a proportion of the site requirements through the recovery of energy from the sludge residues created in the paper making process. Wastewaters from the FPP and both machines are treated in the on-site effluent treatment plant to make them suitable for discharge to the River Medway.

Raw materials for the process are waste paper and magazines, treated water from bore holes, Ditton Stream and the River Medway, chemicals used in the preparation of fibres and for water treatment and gas for energy requirements.

The site has been accredited to ISO14001 since 1997.

Waste paper is conveyed to the Fibre Preparation Plant (FPP) where it is converted to pulp with the addition of recycled water, caustic soda, soap, sodium silicate and hydrogen peroxide. Contraries such as plastics, metals, grits, staples and pins are then removed and disposed to landfill.

A de-inking stage follows where a soap solution is added to the pulp which helps to produce a soap scum to which the ink becomes attached. Air is bubbled through the mixture causing the scum, and hence the ink, to rise to the top of the liquid where it is removed for further treatment.

The de-inked pulp is cleaned to remove fine grit, sand and clay particles and then further cleaned to remove fibre conglomerates bonded with ink or fillers. Cleaned fibre is then bleached using hydrogen peroxide and cleaned again with the aid of a flotation chemical and fine screening. The pulp is now ready, after thickening, for use on the paper machines.

The paper machines PM13 and PM14 produce paper product from cleaned pulp by removing water in a continuous process of natural drainage, vacuum extraction, pressing and evaporation. Water re-use is maximised within the process to reduce wastewater discharge and raw water usage.

Wastewaters produced during the process are either partially treated and re-used at a suitable point within the process or discharged to the on-site effluent treatment plant, prior to discharge to the River Medway. The effluent treatment plant provides primary (solids removal) and secondary (aerobic biological and solids removal) treatments.

Sludges produced during the production process from the de-inking stage and to a lesser extent from effluent/water treatment activities, are combusted on-site in the fluidised bed combustor. Prior to the combustion process, the sludges are dewatered and then stored on-site in two 750m³ storage silos prior to combustion, or when this is not available, are disposed direct to landfill. Sludge can be taken to the off-site landfill for use as a cover material. Sludge to be combusted is conveyed to the sludge combustor, which is a bubbling fluidised bed boiler/combustor. Energy is recovered from the waste gases produced during the combustion processes by a waste heat recovery boiler which produces steam that provides approximately 15% (upto 27 tonnes/hour) of the site's energy requirements.

The operational conditions within the combustor are maintained to minimise the formation of dioxins (>850C for at least two seconds) and are rapidly cooled between 400 and 200 C to prevent reformation. The cooled gases from the boiler pass to a bag filter assembly designed to provide high efficiency reduction of the particulate burden.

Ash collected in the bag house, around 140 m³ per day, is transferred to two 350 m³ silos. The ash can be conditioned on discharge from the silos to make it suitable for landfill or, should the ash be used as a raw material in other processes it can be discharged directly into vehicles. Several research projects are on-going to identify economic re-use options for the ash.

Other reject wastes are separated during the process and are disposed off-site to landfill. These wastes typically occur as contaminants in the waste newspaper and magazine stream.

Further information relating to the activities at the installation can be found in the Non Technical Summary and main IPPC Application documents held on the public registers located at the following offices:

The Environment Agency, Orchard House, Endeavour Park, London Road, Addington, West Malling, Kent. ME19 5SH.

Tonbridge and Malling Borough Council, Environmental Health and Housing Services, Gibson Building, Gibson Drive, Kings Hill, West Malling, Kent ME19 4LZ.

Other PPC Permits relating to this installation

Permit holder	Permit Number	Date of Issue
Aylesford Newsprint Services Limited	BJ7344/BJ7344	2003
SCA Packaging Limited	BJ7425/BJ7425	2002

Superseded Licenses/Consents/Authorisations relating to this installation

Holder	Reference Number	Date of Issue
Aylesford Newsprint Limited	AP0313	27/03/95

Talking to us

If you contact the Agency about this Permit please quote the Permit Number.

The Operator should use the Emergency Hotline telephone number (0800 80 70 60) or any other number notified to it to give a notification under condition 5.1.1.

Confidentiality

The Permit requires the Operator to provide information to the Agency. The Agency will place the information onto the public registers in accordance with the requirements of the PPC Regulations. If the Operator considers that any information provided is commercially confidential, it may apply to the Agency to have such information withheld from the register as provided in the PPC Regulations. To enable the Agency to determine whether the information is commercially confidential, the Operator should clearly identify the information in question and should specify clear and precise reasons.

Variations to the permit

This Permit may be varied in the future. The Status Log within the Introductory Note to any such variation will include summary details of this Permit, variations issued up to that point in time and state whether a consolidated version of the Permit has been issued.

Surrender of the permit

Before this Permit can be wholly or partially surrendered, an application to surrender the Permit has to be made. For the applicant to be successful, they would have to be able to demonstrate to the Agency, in accordance with Regulation 19 of the PPC Regulations, that there is no pollution risk and that no further steps are required to return the site to a satisfactory state.

Transfer of the permit or part of the permit

Before the Permit can be wholly or partially transferred to another person, a joint application to transfer the Permit has to be made by both the existing and proposed holders, in accordance with Regulation 18 of the PPC Regulations. A transfer will be allowed unless the Agency considers that the proposed holder will not be the person who will have control over the operation of the installation or will not ensure compliance with the conditions of the transferred Permit. If the Permit authorises the carrying out of a specified waste management activity, then there is a further requirement that the transferee is considered to be a "fit and proper person" to carry out that activity.

Status Log

Detail	Date	Comment
Application BJ7336/BJ7336	Received 12/02/2001	
Response to request for information	Request dated 02/05/2001	Response dated 25/5/01, requested extension of period.
Response to request for information.	Request dated 31/5/2001	Response dated 20.6.01.
Response to request for information.	Request dated 31/5/2001	Response dated 21.06.01.
Response to request for information.	Request dated 15/06/01	Response dated 20.06.01.
Response to request for information.	Request dated 13/07/01	Response dated 25/02/02.
Response to request for information.	Request dated 30/07/01	Response dated 02/08/01.
Response to request for information.	Request dated 10/01/02	Response dated 25/02/02.
Permit BJ7336	Determined 24/01/03	

End of introductory Note.

Permit

Pollution Prevention and Control
Regulations 2000



**ENVIRONMENT
AGENCY**

Permit

Permit number
BJ7336/BJ7336

The Environment Agency (the Agency) in exercise of its powers under Regulation 10 of the Pollution Prevention and Control Regulations 2000 (S.I. 2000 No. 1973), hereby authorises **Aylesford Newsprint Limited** ("the Operator"),

Whose Registered Office is
**Newsprint House
Bellingham Way
Aylesford Kent
ME20 7DL**

Company registration number 2825694

to operate part of an Installation at
**Aylesford Paper Mills
Bellingham Way
Aylesford Kent
ME20 7DL**

to the extent authorised by and subject to the conditions of this Permit.

Signed

A handwritten signature in black ink, appearing to read "P. Bennett", enclosed within a rectangular box.

P Bennett

Authorised to sign on behalf of the Environment Agency

Date

24 January 2003

Conditions

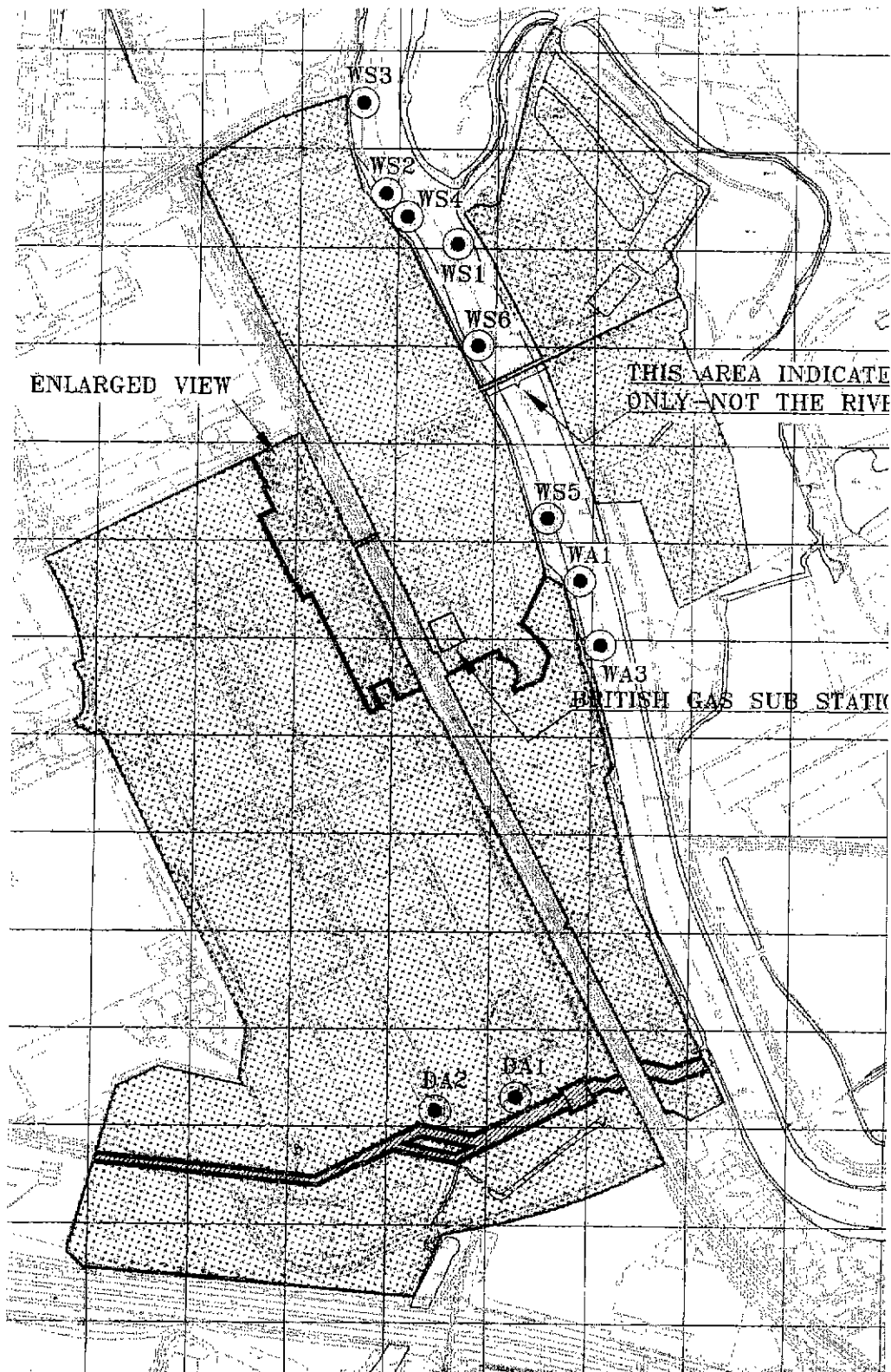
1 The permitted installation

1.1.1 The Operator is authorised to carry out the activities and/or the associated activities specified in Table 1.1.1.

Table 1.1.1

Activity under Schedule 1 of the Regulations/ Associated Activity	Description of specified activity	Limits of specified activity
Producing in industrial plant pulp from timber or other fibrous materials. (Schedule 1 Activity – Chapter 6, Section 6.1, Part A(1)(a))	Production of clean pulp by conversion of recycled newsprint and magazines to pulp and the cleaning of the pulp to remove contraries and ink.	Receipt of magazines and newsprint to the storage of clean, de-inked pulp.
The production in industrial plant paper and board where the plant has a capacity of more than 20 tonnes per day (Schedule 1 activity- Chapter 6, Section 6.1, Part A(1)(b)).	Formation of paper from clean pulp by the progressive removal of water.	Storage of clean de-inked pulp to production of large, uncut paper rolls.
Manipulation of paper rolls (part of the stationary technical unit).	Cutting of paper rolls to meet customer requirements, storage and despatch	Uncut paper rolls to automatic loading for customers.
Operation of a water purification plant (part of the stationary technical unit)	Dosing of all raw water with biocide, the clarification of stream waters and river waters using drum strainers and the filtering of river waters using DAF and sand filtration units.	Receipt of raw water at the process water storage tank to point of use.
Water discharge to Controlled Waters (part of the stationary technical unit).	Discharge of surface and wastewater from the effluent treatment plant,	Entry into River Medway, shown on drawing 50-00032 in volume 2 of the application.
Water discharge to sewer. (Part of the stationary technical unit).	Discharge of surface waters from the southern end of the site, through gravity and via the pumping station	<i>Entry into Southern Water sewer shown on drawing 57-00001 in volume 2 of the application.</i>
The incineration of any waste in an incineration plant with a capacity of 1 tonne or more per hour (Schedule 1 Activity – Chapter 5, section 5.1, Part A(1)(e)).	Operation of the Fluidised Bed Combustor for the incineration of sludges to produce steam used on-site.	Screw press to loading of ash for off-site transport.

1.1.2 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the area shown edged in red on the plan below (drawing number



50-01216 rev 3).

1.1.3 There are no pre-operation conditions

2 Operational Matters

2.1 Management techniques and control

- 2.1.1 The Permitted Installation shall, subject to the conditions of this Permit, be managed and controlled as described in the documentation specified in Table 2.1.1, or as otherwise agreed in writing by the Agency.

Table 2.1.1 : Management and control

Description	Parts	Date Received
Application	The response to question 2.1 given in section 2.1 of the application, pages 1 to 11 inclusive, of the main application document, BJ7336.	12/02/01

- 2.1.2 All plant, equipment and technical means used in operating the Permitted Installation shall be maintained in good operating condition.
- 2.1.3 The Permitted Installation shall be supervised by staff who are suitably trained and fully conversant with the requirements of this Permit.
- 2.1.4 A copy of this Permit and those parts of the application referred to in this Permit shall be available, at all times, for reference by all staff carrying out work subject to the requirements of the Permit.
- 2.1.5 All staff shall be fully conversant with those aspects of the Permit conditions, which are relevant to their duties and shall be provided with appropriate training and written operating instructions to enable them to carry out their duties.

2.2 Raw materials (including water)

- 2.2.1 The Operator shall, subject to the conditions of this Permit, use raw materials (including water) as described in the documentation specified in Table 2.2.1, or as otherwise agreed in writing by the Agency.

Table 2.2.1 : Raw materials (including water)

Description	Parts	Date Received
Application	The response to question 2.2 given in section 2.2, pages 1 to 15 inclusive, and volume 3, pages 1 to 24 inclusive of the application, BJ7336.	12/02/2001

- 2.2.2 No waste materials arising outside of the Aylesford Newsprint Installation may be burned in the Fluidised Bed Combustor without prior written permission.

2.3 **Operating Techniques**

- 2.3.1 The Permitted Installation shall, subject to the conditions of this Permit, be operated using the techniques and in the manner described in the documentation specified in Table 2.3.1, or as otherwise agreed in writing by the Agency.

Table 2.3.1: Operating techniques

Description	Parts	Date Received
Application	The response to questions 2.3 given in section 2.3 of the application, BJ7336, excluding section 2.3.11, page 1.	12/02/2001
Response to schedule 4 notice dated	The written response dated 2 August 2001.	3/08/2001.

- 2.3.2 Only the waste types and quantities specified in table 2.3.2 shall be incinerated in the permitted activity.

Table 2.3.2: Permitted Waste Types

Description	European Waste Catalogue Number (where available) or other specification	Maximum design throughput
Paper related waste (sludge, and effluent treatment plant sludges)	030305, 030310, 030311	190,000 tonnes per annum

- 2.3.3 The operator shall adopt procedures and practices to, as far as practicable, identify and manage the wastes delivered to the process such that the conditions of this permit are not breached.
- 2.3.4 The operator shall adopt procedures and practices to monitor and control pests, odour and litter.
- 2.3.5 All incinerator ash shall have a total organic carbon (TOC) content less than 3% or loss on ignition of less than 5% of the dry weight of the ash.
- 2.3.6 Waste shall only be charged into the incinerator when the combustion chamber temperature is in excess of 850°C after the last injection of combustion air, the oxygen level is in excess of 3% (dry) by volume and when the continuous emissions limits are being complied with.

Conditions 2.3.7 to 2.3.8 refer to abnormal operating conditions affecting releases from Point A1.

- 2.3.7 In the case of breakdown, the operator shall reduce or close down operations as soon as practicable until normal operations can be restored.
- In the case of abnormal operation the Operator shall shutdown those process lines, as soon as practicable until normal operation can be restored, where:
- a) there is a breakdown of abatement system(s); or
 - b) any continuous measurement exceeds the numerical values of that half hourly emission limits value in Table 6.1.2 for a period of 30 minutes uninterrupted duration (excluding abnormal operating conditions specified in condition 2.3.8); or
 - c) where the cumulative duration of abnormal operation periods as specified in 2.3.7(b) above is or exceeds 5 hours and where continuous emission monitors have been unavailable during periods of operation, is or exceeds 60 hours, both to be calculated over one calendar year.
- 2.3.8 Under no circumstances shall releases from the permitted process exceed: a total particulate emission concentration instantaneous reading of 60 mg/m³ with or without waste being burned (including operation of the bag filter bypass at start-up). Under no circumstances shall releases from the permitted process exceed the CO and TOC emission limits (excluding start-up and shutdown periods when there is no waste being incinerated).
- 2.3.9 Until 28.12.2005, where continuous emissions monitor(s) (CEMs) for Oxides of Nitrogen and/or Carbon Monoxide is/are out of service for two hours or more, the operator shall ensure that analyses are taken and results recorded using suitable portable monitors until the CEM (s) can be returned to service. If the CEM is out of service for greater than 48 hours uninterrupted, the operator shall shut down the incinerator as soon as practicable until the CEM(s) is returned to operation.

2.4 **Groundwater protection**

- 2.4.1 The Permitted Installation shall, subject to the conditions of this Permit, be controlled as described in the documentation specified in Table 2.4.1, or as otherwise agreed in writing by the Agency.

Table 2.4.1: Groundwater protection		
Description	Parts	Date Received
Application	The response to questions 2.4 given in section 2.4, page 1, of the application BJ7336.	12/02/2001

- 2.4.2 The operator shall carry out monthly visual inspections of all bunded areas and other impermeable areas where materials are loaded, transported or stored that may lead to contamination of the subsurface. Procedures shall be included within the Environmental Management System to review the findings of the survey. In addition, the operator shall, where practicable, annually check and prove the integrity of all secondary containment equipment.
- 2.4.3 Discharges to ground shall only be made into the soakaways identified on drawing 57-00001 rev 8. Discharges to ground shall only contain uncontaminated surface waters.

2.5 **Waste handling and storage**

- 2.5.1 The Operator shall, subject to the conditions of this Permit, handle and store waste as described in the documentation specified in Table 2.5.1, or as otherwise agreed in writing by the Agency.

Table 2.5.1: Waste handling and storage

Description	Parts	Date Received
Application	The response to question 2.5. given in section 2.5, pages 1 to 20 inclusive of the application BJ7336.	12/02/01

- 2.5.2 The Operator shall ensure all waste storage areas are clearly marked and suitably stored and contained. Storage containers therein must be secure and clearly labelled. Procedures shall be included in the Environmental Management System to regularly inspect all such containers.
- 2.5.3 Bottom ash and ash from the boiler and bag-house shall not be mixed other than for the disposal or use of the material as an engineered material at the Margetts Pit disposal site or as agreed otherwise in writing with the Agency.

2.6 **Waste recovery and disposal**

- 2.6.1 The Operator shall, subject to the conditions of this Permit, recover and dispose of waste as described in the documentation specified in Table 2.6.1, or as otherwise agreed in writing by the Agency.

Table 2.6.1: Waste recovery and disposal

Description	Parts	Date Received
Application	The response to question 2.6 given in pages/section 2.6 pages 1 to 10 inclusive of the application BJ7336.	12/02/01

- 2.6.2 The operator shall dispose of ash from the combustion process to the licensed facility identified within the application *(page 3, section 2.6), or to other licensed facilities or, temporary alternative facilities for investigation of reuse opportunities, with the written agreement of the Agency.
- 2.6.3 By 31 January each year the operator shall submit to the Agency an annual report on quantities of ash, and their components, which have been disposed of or recycled in the previous calendar year. The report shall review (with regard to BAT) opportunities for increasing waste recovery over the coming year, and report on progress with those identified in the previous years report.
- 2.6.4 Wastes produced at the installation shall, as a minimum, be sampled and analysed in accordance with table 2.6.2. Additional samples shall be taken and tested and appropriate action taken, whenever:
- disposal or recovery routes change
 - it is suspected that the nature or composition of the waste has changed such that the route selected may no longer be appropriate

Copies of such analyses shall be forwarded to the Agency in accordance with table S2, schedule 2.

Copies of such analysis shall be provided to subsequent holders of the wastes and accompany the required statutory waste transfer documentation.

Table 2.6.2: Waste Sampling and Analysis

Waste Description	Parameters to be measured	Frequency
Bottom ash	According to Agency's current ash sampling protocol	Quarterly
Boiler and bag-house ash	According to Agency's current ash sampling protocol	Quarterly

- 2.6.5 The Operator shall include in the Environmental Management System procedures in respect of each waste stream, where the production of that waste is unavoidable in the first instance, to assess the potential for recovery of that waste.

2.7 Energy Efficiency

- 2.7.1 The Operator shall, subject to the conditions of this Permit, use energy as described in the documentation specified in Table 2.7.1, or as otherwise agreed in writing by the Agency.

Table 2.7 1: Energy efficiency

Description	Parts	Date Received
Application	The response to question 2.7 given in section 2.7, pages 1 to 5 inclusive, of the application, BJ7336.	12/02/01

2.7.2 The operator shall produce a report annually on the energy consumption of the installation. This report shall be sent to the Agency and shall be incorporated in any programme brought about by the requirement reference 9.1 in table 9.1.1.

2.7.3 The operator shall have an energy management plan which shall be updated annually.

2.8 **Accident prevention and control**

2.8.1 The Operator shall, subject to the conditions of this Permit, prevent and limit the consequences of accidents as described in the documentation specified in Table 2.8.1, or as otherwise agreed in writing by the Agency.

Table 2.8.1 : Accident prevention and control

Description	Parts	Date Received
Application	The response to question 2.8 given in section 2.8, pages 1 to 6 of the application BJ7336.	12/02/01

2.9 **Noise and vibration**

2.9.1 The Operator shall, subject to the conditions of this Permit, control noise and vibration as described in the documentation specified in Table 2.9.1, or as otherwise agreed in writing by the Agency.

Table 2.9.1 : Noise and vibration

Description	Parts	Date Received
Application	The response to question 2.9 given in section 2.9 of the application BJ7336.	12/02/2001

2.10 **Monitoring**

2.10.1 The Operator shall, subject to the conditions of this Permit, carry out, evaluate and assess monitoring as described in the documentation specified in Table 2.10.1, or as otherwise agreed in writing by the Agency.

Table 2.10.1 : Monitoring

Description	Parts	Date Received
Application	The response to question 2.10 given in section 2.10 of the application.	12/02/2001

2.10.2 Where requested in writing by the Agency, the Operator shall provide at least 14 days advance notice of undertaking monitoring/spot sampling.

2.10.3 There shall be provided:

- a** safe and permanent means of access to enable sampling/monitoring to be carried out in relation to the emission points specified in Schedule 2, unless otherwise specified in that Schedule and
- b** safe means of access to other sampling/monitoring points when required by the Agency.

2.10.4 The operator shall annually submit a written schedule of monitoring dates and parameters for the coming year covering all monitoring requirements detailed within this permit to the Environment Agency by 31st December. Where the sampling date relates to releases to air, the date shall be the week number for the calendar year. Should the operator fail to sample on the scheduled date, written justification shall be provided by the operator to the Agency.

2.11 **Decommissioning**

2.11.1 The Operator shall, subject to the conditions of this Permit, make provision for decommissioning the installation as described in the documentation specified in Table 2.11.1, or as otherwise agreed in writing by the Agency.

Table 2.11.1 : Decommissioning

Description	Parts	Date Received
Application	The response to question 2.11 given in section 2.11 of the application BJ7336.	12/02/2001
Response to request for information	Letter dated 21.06.01.	22.06.01

2.12 **Multi-operator installations**

The Operator shall, subject to the conditions of this Permit, use the techniques and measures described in the documentation specified in Table 2.12.1, or as otherwise agreed in writing by the Agency.

Table 2.12.1: Multi-operator Installations

Description	Parts	Date Received
Application	The response to questions 2.12 given in section 2.12, pages 1 and 2 of the application BJ7336.	12/02/2001

- 3 **Records**
- 3.1.1 A record (a "Specified Record") shall be made of:-
- a** any malfunction, breakdown or failure of plant, equipment or techniques (including down time and any short term and long term remedial measures) that may have, has had or might have had an effect on the environmental performance of the Permitted Installation. These records shall be kept in a log maintained for that purpose;
 - b** all monitoring and sampling taken or carried out and any assessment or evaluation made on the basis of such data;
- 3.1.2 There shall be made available for inspection by the Agency at any reasonable time:
- a** Specified Records;
 - b** any other records made by the Operator in relation to the operation of the Permitted Installation ("Other Records")
- 3.1.3 A copy of any Specified or Other Records shall be supplied to the Agency on demand and without charge
- 3.1.4 Specified Records and Other Records shall:-
- a** be legible;
 - b** be made as soon as reasonably practicable;
 - c** indicate any amendments which have been made and shall include the original record wherever possible; and
- 3.1.5 Specified Records and Other Records shall be retained for a minimum period of 4 years from the date when the records were made at the location specified by the Operator.
- 3.1.6 For all waste received at or produced from the Permitted Installation, the Operator shall record (and shall retain such records for a minimum of 4 years)
- a** its composition, or as appropriate, description;
 - b** the best estimate of the quantity produced;
 - c** its disposal routes; and
 - d** the best estimate of the quantity sent for recovery.
- 3.1.7 A record shall be made at the Permitted Installation of any complaints concerning the Installation's effect or alleged effect on the environment. The record shall give the date of complaint, time of complaint, a summary of any investigation and the results of such investigation. Such records shall be made in a log kept for this purpose.

4 Reporting

- 4.1.1 All reports and notifications required by this Permit, or by Regulation 16 of the PPC Regulations, shall be sent to the Environment Agency at the address notified in writing to the Operator by the Agency .
- 4.1.2 The Operator shall report the parameters listed in Table S2 to Schedule 2 as follows:
- a** in respects of the emission points specified;
 - b** for the reporting periods specified in Table S2 to Schedule 2 and using the forms specified in Table S3 to Schedule 3;
 - c** giving the information from such results and assessments as may be required by the forms specified in those Tables; and
 - d** sending the report to the Agency within 28 days of the end of the reporting period.
- 4.1.3 Where the Operator has a formal environmental management system applying to the Permitted Installation which encompasses annual improvement targets the Operator shall, not later than 31 January in each year, provide a summary report of the previous year's progress against such targets.

5 Notifications

- 5.1.1 The Operator shall notify the Agency **without delay** of:-
- a** the detection of an emission of any substance which exceeds any limit or criteria in this Permit specified in relation to the substance;
 - b** the detection of any fugitive emission which has caused or may cause pollution unless the quantity emitted is so trivial that it would be incapable of causing pollution;
 - c** the detection of any malfunction, breakdown or failure of plant or techniques which has caused or may have the potential to cause pollution; and
 - d** any accident which has caused or may have the potential to cause pollution.
- 5.1.2 The Operator shall submit written confirmation to the Agency of any notification under condition 5.1.1 in accordance with Schedule 1 to this Permit, by sending the information listed in Part A of Schedule 1 to this Permit within 24 hours of such notification. The Operator shall send the more detailed information listed in Part B of that Schedule as soon as practicable thereafter;
- 5.1.3 The Operator shall give written notification as soon as practicable, of any of the following
- a** permanent cessation of the operation of any part of or all of the Permitted Installation;
 - b** cessation of the operation of any part of or all of the Permitted Installation for a period, likely to exceed 1 year; and
 - c** resumption of the operation of any part of or all of the Permitted Installation after a cessation notified under 5.1.3(b).
- 5.1.4 The Operator shall notify the following matters to the Agency, in writing, within 14 days of their occurrence:
- i** any change in the Operator's trading name, registered name or registered office address;
 - ii** a change to any particulars of the Operator's ultimate holding company (including details of an ultimate holding company where the Operator has become a subsidiary);
 - iii** any steps taken with a view to the Operator going into administration, entering into a company voluntary arrangement or being wound up.

6 Emissions

6.1 Emissions into air

6.1.1 Emissions to air from the emission point(s) specified in Table 6.1.1 shall only arise from the source(s) specified in that Table.

Table 6.1.1: Emission points into air

Emission point reference/description	Source	Location of emission point
A1	Sludge combustor chimney flue	Release Point A1 shown on drawing 50-01347 in volume 2 of the application.

6.1.2 The limits for emissions into air for the parameter(s) and emission point(s) set out in Table 6.1.2 shall not be exceeded.

6.1.3 The Operator shall carry out monitoring of the parameters listed in Table 6.1.2, from the emission points and at least at the frequencies specified in that Table.

Table 6.1.2: Emission limits into air

Parameters	Emission Point A1				Frequency and duration
	Units	Half Hour Average	Daily Average	Periodic	
Particulate matter	mg/m ³	30	10	None	Continuous and bi-annual spot monitoring Note 1
VOCs as Total Organic Carbon (TOC)	mg/m ³	20	10	None	Bi-annual spot monitoring Note 1
Hydrogen chloride	mg/m ³	60	10	None	Bi-annual spot monitoring Note 1
Hydrogen fluoride	mg/m ³	N/A	N/A	4	Extractive sampling with one measurement every 6 months. Average value over sample period of between 30 minutes and 8 hours.
Carbon monoxide	mg/m ³	100	50	None	Continuous and bi-annual spot monitoring Note 1
Sulphur dioxide	mg/m ³	200	50	None	Bi-annual spot monitoring Note 1
Oxides of nitrogen (NO and NO ₂ expressed as NO ₂)	mg/m ³	400	350	None	Continuous and bi-annual spot monitoring Note 1
PAH	µg/m ³	N/A	N/A	tbc	Preliminary assessment specified in the improvement programme.
Cadmium & thallium and their compounds (total) Note 2	mg/m ³	N/A	N/A	0.05	One measurement every year. Average value over sample period of between 30 minutes and 8 hours.
Mercury and its compounds Note 2	mg/m ³	N/A	N/A	0.05	One measurement every year. Average value over sample period of between 30 minutes and 8 hours.
Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V and their compounds (total) Note 2	mg/m ³	N/A	N/A	0.5	One measurement every year. Average value over sample period of between 30 minutes and 8 hours.
Dioxins & furans TEQ	ng/m ³	N/A	N/A	0.1	One measurement every 6 months. Average value over sample period of between 6 and 8 hours. Determination in accordance with BS EN 1948.
PCBs TEQ	ng/m ³	N/A	N/A	tbc	Preliminary assessment specified in the improvement programme.

Notes:

1. Spot monitoring to be used to check CEM calibration in accordance with manufacturer's instructions.
2. Metals include both gaseous, vapour and solid phases as well as their compounds (expressed as the metal or total as specified).

tbc: to be confirmed after suitable sampling and analysis of the release to air.

- 6.1.4 Reference measurement Monitoring techniques shall be in accordance with the conditions and tables in section 2.10 of this permit.
- 6.1.5 For release point A1: Methods to calibrate automated, continuous, measurement systems shall be carried out as specified by the appropriate CEN-standards. If CEN standards are not available, ISO standards, national or international standards which will ensure the provision of data of an equivalent scientific quality, as agreed in writing with the Agency, shall apply. The reference measurements used shall be agreed in writing with the Agency. The results of the assessment shall be submitted, to the Agency in writing, within one month of the completion of the assessment.
- 6.1.6 For release point A1: The half-hourly average values shall be determined within the effective operating time (excluding the start-up and shut-down periods if no waste is being incinerated) from the measured values after having subtracted the value of the confidence interval specified at condition 6.1.7 below. The daily average values shall be determined from those validated average values.
- 6.1.7 For release point A1: With regard to the calibration of continuous emission monitors, at the daily emission limit value, the values of the 95% confidence intervals of a single measured result shall not exceed the following percentages of the emission limit values:
- | | |
|------------------|-----|
| Carbon monoxide | 10% |
| Nitrogen dioxide | 20% |
| Total dust | 30% |
- 6.1.8 For release point A1: To obtain a valid daily average value no more than five half-hourly average values in any day shall be discarded due to malfunction or maintenance of the continuous measurement system. No more than ten daily average values per year shall be discarded due to malfunction or maintenance of the continuous measurement system.
- 6.1.9 Where an annual mass limit for a substance is stated in Table 6.1.4, the aggregate emission of such substance from the Permitted Installation into air from the emission point(s) specified in Table 6.1.2 and 6.1.3 shall not exceed that limit in any year.

Table 6.1.3 Annual mass limits

Substance	Limit - kg
None.	None.

6.2 **Emissions to land**

6.2.1 There shall be no emission to land from the Permitted Installation

6.3

Emissions to water [other than emissions to sewer]

Emissions to water from the emission point(s) specified in Table 6.3.1 shall only arise from the sources specified in that Table

Table 6.3.1: Emission points into water

Emission Point Reference.	Source	Receiving Water
W1	Treated effluents and site drainage.	River Medway (shown as "effluent outfall" on drawing 50-00032 rev 3 in volume 2 of the application).

6.3.1

Limits for the emissions to water for the parameters and emission points set out in Table 6.3.2 shall not be exceeded.

6.3.2

The Operator shall carry out monitoring of the parameters listed in Table 6.3.2, from the emission points and at least at the frequencies specified in that Table.

Table 6.3.2: Emission limits into water

Parameter	Emission Point W1	Monitoring Frequency.
Flow m3 per day	22 000	1. Continuous monitoring
Flow m3 per hour	1512	2. Calendar daily report
Annual average m3/Adt	15	3. Weekly total report
Temperature °C	30	Annual flow compiled from weekly report.
Suspended solids		Continuous
Maximum Daily Load, tonnes per calendar day.	1.32	1. Calendar day, representative spot sample.
Annual average kg/Adt.	0.3	2. Annual report to be calculated from daily composite concentration and corresponding daily flow.
Maximum concentration of any sample.	60	
pH maximum	9	Continuous.
pH minimum	6	
Total Nitrogen mg/l	*	1. Flow weighted daily sample compiled into weekly composite.
		2. Weekly analysis report on concentration.
		3. Annual report to be calculated from weekly composite concentration and corresponding weekly flow.
Total Phosphate mg/l	*	1. Flow weighted daily sample compiled into weekly composite.
		2. Weekly analysis report on concentration.
		3. Annual report to be calculated from weekly composite concentration and corresponding weekly flow.
Oil and grease mg/l	1. No visible trace in the discharge.	Monthly analysis, daily visual assessment.
BOD		1. Time weighted, representative 24 hour sample per week.
Maximum concentration in any sample mg l-1	40	2. Weekly analysis report on concentration.
Maximum Daily Load, tonnes per calendar day.	0.88	3. Annual report for W1 to be calculated from weekly composite concentration and corresponding weekly flow.
Annual average kg/Adt	0.2	

Emissions

COD mg/l-1	*	Monthly
COD tpd		
Cadmium	*	Quarterly.
Mercury	*	Quarterly.
DDT	*	Quarterly.
Arsenic	*	Quarterly.
Chromium	*	Quarterly.
Copper	*	Quarterly.
Nickel	*	Quarterly.
Zinc	*	Quarterly.
Aldrin	*	Quarterly.
Atrazine	*	Quarterly.
Azinphos methyl	*	Quarterly.
Carbon Tetrachloride	*	Quarterly.
1,2-dichloroethane	*	Quarterly.
Dichlorvos	*	Quarterly.
Dieldrin	*	Quarterly.
Endosulfan	*	Quarterly.
Endrin	*	Quarterly.
Fenitrothion	*	Quarterly.
Hexachlorobenzene	*	Quarterly.
Gamma	5	Quarterly.
Hexachlorocyclohexane ng/l		
Total	25	Quarterly.
Hexachlorocyclohexane ng/l		
Isodrin	*	Quarterly.
Parathion methyl	*	Quarterly.
Pentachlorophenol ng/l	1000	Quarterly.
Polychlorinated biphenyls	*	Quarterly.
Simazine	*	Quarterly.
Trichlorobenzene.	*	Quarterly.
Tri-butyl tin, all isomers.	*	Quarterly.

Note on table 6.3.2.

(a) Determinands marked with a * shall have a limit imposed after a suitable sampling period.

- 6.3.3 There shall be no emission into water from the Permitted Installation of any substance prescribed for water for which no limit is specified in Table 6.3.2 except in a concentration which is no greater than the background concentration.
- 6.3.4 Where an annual mass limit for a substance is stated in Table 6.3.4, the aggregate emissions of such substance from the Permitted Installation into water from the emission point(s) specified in Table 6.3.1 shall not exceed that limit in any year.

Table 6.3.4 Annual mass emission limits

Substance	Limit - kg
None	

6.4

Emissions to sewer

Emissions into sewer from the emission point(s) specified in Table 6.4.1 shall only arise from the source(s) specified in that Table.

Table 6.4.1 Emission points into sewer

Emission point reference	Source	Sewer
W2	Site drainage.	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.
W3	Site drainage.	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.
W4	Site drainage.	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.
W5	Site drainage.	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.
W6	Site drainage.	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.
W7	Site drainage.	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.
W8	Site drainage.	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.
W9	Site drainage	Southern Water Services Culvert Drain. Shown on drawing 50-01347 in the application.

6.4.1

The limits for the emissions into sewer for the parameter(s) and emission point(s) set out in Table 6.4.2 shall not be exceeded.

Table 6.4.2 Emission limits into sewer

Parameter	Emission point W2-W8.
Oil and Grease	1 mg/l, none visible in the discharge.
pH maximum	9
pH minimum	6

Emissions

- 6.4.2 There shall be no emission into sewer from the Permitted Installation of any substance prescribed for water for which no limit is specified in Table 6.4.2 except in a concentration which is no greater than the background concentration.
- 6.4.3 Where an annual mass limit for a substance is stated in Table 6.4.4, the aggregate emission of such substance from the Permitted Installation into sewer from the emission points specified in Table 6.4.1 shall not exceed that limit in any year.

Table 6.4.4 Annual mass emission limit

Substance	Annual limit – kg
None.	--

6.5 **Emissions of heat**

6.5.1 No specific conditions in relation to emissions of heat are considered necessary.

6.6 **Emissions of noise and vibration**

6.6.1 The operator shall not cause noise at the following points to exceed the limits stated below, as a result of any activities within the installation.

Noise Control Point.	Noise Limit (dB).	Location.
1	37	Land at the rear of 372 Bulls Lane, Eccles. Map reference TQ 7267 6001.
2	41	19 Blackthorn Drive, Ditton. Map reference TQ 7065 5882.
3	39	1 Brookfield Avenue, Larkfield. Map reference TQ 7056 5958.

7 Transfer to effluent treatment plant

- 7.1.1 No transfers to effluent treatment plant are controlled under this part of this Permit. Emissions to water are controlled under 6.3 and 6.4.

8

Off site conditions

8.1.1

There are no off site conditions.

9 Improvement programme

- 9.1.1 The Operator shall complete the requirements specified in Table 9.1.1 by the date specified in that Table, and shall send written notification of the date of completion of each requirement to the Agency, at the Reporting Address, within 14 days of the completion of each such requirement.

Table 9.1.1: Improvement programme requirements

Reference	Requirement	Date
9.1	The Operator shall, within 36 months of the issue of this Permit, submit a report on potential environmental improvements to the Permitted Installation. For each of the subject areas identified in Section 2 of the appropriate technical guidance, the report shall assess the costs and benefits of alternative techniques that may provide environmental improvement. This shall include, but not be limited to, those techniques listed in guidance. The methodologies used should be based on those given in Agency guidance note H1 and should justify, against the BAT criteria, where potential improvements are not planned to be implemented. As part of their management system, the Operator shall submit an updated report every 36 months	36 months after issue of the permit and thereafter every 36 months.

9.2	Fugitive emissions shall be reviewed on an annual basis and a summary report on this review shall be sent to the Agency detailing such releases and the measures taken to reduce them.	31/08/03 and annually thereafter.
9.3	The operator shall provide a site closure plan, having regard to the relevant sections of the IPPC Sectoral and other relevant technical guidance. The plan shall be reviewed and updated as necessary on an annual basis.	31/03/04 for first report and annually thereafter.
9.4	The operator shall assess the techniques and options that are available to reduce releases of oxides of nitrogen from the sludge combustor to the level specified in the Waste Incineration Directive. A report shall be made to the Agency detailing the conclusions of the report and the plan to achieve the levels.	31/12/03
9.5	The operator shall assess the techniques and options that are available for reducing the levels of phosphate and nitrogen releases to the benchmark standards in the IPPC Technical Guidance Note IPPC S6.01. The report shall include an assessment of the effect of any changes to the effluent treatment capability and security.	31/09/04
9.6	The operator shall review the use of freshwater at each current location and assess the options for the substitution with suitable mill waters. Where this is not considered practicable, the operator shall review the techniques used and assess the options to further minimise water use through the application of BAT.	31/12/04
9.7	The operator shall assess the current routing of the surface waters from the site and shall provide a report detailing the BAT assessment. The report shall have regard to any contaminants present within the waters and the effect on the effluent treatment plant of any surface waters discharged into the treatment plant for normal and abnormal situations. The report shall identify the preferred option with regard to BAT for each surface water drainage area. The assessment shall include an assessment of the design of the existing soakaways, including, the depth, type of discharge method, any available logs of the soak-away and whether the soak-away has intercepted groundwater.	30/01/03
9.8	The operator shall provide a report on the proposed solution to the on-going operation of the culvert system serving the drainage system for the southern area of the site.	30/03/04 or earlier if resolved prior to this date.
9.9	The operator shall undertake an assessment for the options to substitute all chemicals identified in the EASI that contain ethylene diamine tetraacetic acid, formaldehyde, nonylphenol ethoxylate, nonylphenoxypoly(ethyleneoxy) ethanol, (NTA) nitrilotriacetic acid (NTA), lead paint and 1,1,1-trichloroethane. The report showing the conclusions of the assessments shall be sent to the Agency.	30/03/04

9.10	The operator shall review the discharge to water from the on-site effluent treatment plant for the presence of dangerous substances as defined in the Dangerous Substances Directive. A written report detailing the findings of the review shall be sent to the Agency.	30/08/03
9.11	The operator shall assess the levels of PCBs and PAHs in the releases to air from the fluidised bed combustor. A written report shall be sent to the Environment Agency at the reporting address detailing the levels present in the release to air.	30/10/04
9.12	The operator shall investigate the distribution and retention of all significant process chemicals used in the process. The report shall include a mass balance for the process.	31/12/03
9.13	The operator shall ensure that the sampling and analysis undertaken in respect of the discharges to water as a requirement of this permit complies with the requirements of the Technical Guidance Note IPPC S6.01.	31/12/04
9.14	The operator shall ensure that the continuous emission monitoring requirements as specified in the Waste Incineration Directive, 2007/6/EC are implemented as required for Release Point A1.	30/12/04
9.15	The Operator shall make proposals to the Agency to install continuous monitoring of TOC on the aqueous effluent discharge.	30/09/03
9.16	The operator shall install, commission and operate the monitor required in condition 9.15.	31/12/03

10 Interpretation

10.1.1 In this Permit, the following expressions shall have the following meanings:

"Authorised Officer"

means any person authorised by the Agency under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, powers specified in Section 108(4) of that Act.

"Background concentration"

means the same as "background quantity" as defined in paragraph 11 to Part 2 to Schedule 1 of the PPC Regulations.

"Fugitive emission"

means an emission from any point other than those specified in the Tables in part 6 of this Permit.

"LAeq"

means the A-weighted equivalent continuous equal energy level (dBA)

"Monitoring"

includes the taking and analysis of samples, instrumental measurements (periodic and continual), calibrations, examinations, tests and surveys.

"Permitted Installation"

means the activities and the limits to those activities described in Table 1.1.1 of this Permit.

"PPC Regulations"

means the Pollution Prevention and Control Regulations 2000 (S.I. 2000 No. 1973) and words and expressions defined in the PPC Regulations shall have the same meanings when used in this Permit.

"Staff"

includes employees, directors or other officers of the Operator, and any other person under the Operator's direct or indirect control, including contractors.

"substances prescribed for water"

means those substances mentioned in paragraph 13 of Part 2 of Schedule 1 to the PPC Regulations.

"year"

means year ending 31 December.

10.1.2 Where a minimum limit is set for any emission parameter, references to exceeding the limit shall mean that the parameter shall not be less than that limit.

10.1.3 Unless otherwise stated, any references in this Permit to concentrations of substances in emissions into air means;

- a** in relation to gases from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 11% dry for solid fuels; and/or
- b** in relation to gases from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

11

Written agreement to changes

11.1.1

When the qualification "or as otherwise agreed in writing" is used in a condition of this Permit, the Operator shall seek such agreement in the following manner:

- a** the Operator shall give the Agency written notice of the details of the proposed change, indicating the relevant part(s) of this Permit; and
- b** such notice shall include an assessment of the possible effects of the proposed change (including waste production) on risks to the environment from the Permitted Installation.

11.1.2

Any change proposed according to condition 11.1.1 and agreed in writing by the Agency, shall not be implemented until the Operator has given the Agency prior written notice of the implementation date for the change. As from that date, the Operator shall operate the Permitted Installation in accordance with that change, and any relevant documentation referred to in this Permit shall be deemed to be amended.

Schedule 1

Confirmation of condition 5.1.1 notifications, in accordance with condition 5.1.2

This Schedule outlines the information that the Operator must provide to the Agency to satisfy condition 5.1.2 of this Permit.

Units of measurement used in information supplied under Part A and B requirements must be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the PPC Regulations.

Returns should contain

Part A

- Name of Operator.
- Permit Number
- Location of Installation.
- Date information provided.
- Time, date and location of the emission.
- Identity and details of the substance[s] emitted to include:-
 - Best estimate of the quantity or the rate of emission, and the time during which the emission took place.
 - Environmental medium into which the emission took place.
 - Measures taken, or intended to be taken, to stop the emission.

Part B

- Any more accurate information on the matters notified under Part A.
- Measures taken, or intended to be taken, to prevent a recurrence of the incident.
- Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment or harm which has been or may be caused by the emission.
- The dates of any Part A notifications within in the previous 24 months.

- Name
- Post.....
- Signature
- Date
- Statement that signatory is authorised to sign on behalf of Aylesford Newsprint Ltd.

Schedule 2

Reporting of monitoring data

Parameters for which reports shall be made, in accordance with conditions 4.1.2 of this Permit, are listed below.

Table S2: Reporting of monitoring data

Parameter	Emission point	Reporting period	Period begins
Sulphur dioxide mg m ⁻³	A1	Every 6 months	27/01/03
VOCs mg m ⁻³	A1	Every 6 months	27/01/03
Oxides of nitrogen mg m ⁻³	A1	Monthly for continuous monitoring and 6 months for spot sampling.	27/01/03
Gaseous chlorides as HCl Mg m ⁻³	A1	Every 6 months	27/01/03
Gaseous fluorides as HF mg m ⁻³	A1	Every 6 months	27/01/03
Particulates mg m ⁻³	A1	Monthly for continuous monitoring and 6 months for spot sampling.	27/01/03
Carbon Monoxide	A1	Monthly for continuous monitoring and 6 months for spot sampling.	27/01/03
Dioxins and furans, expressed as TEQ, ng/m ³ .	A1	Every 6 months	27/01/03
Cadmium mg/m ³ .	A1	Annually.	27/01/03
Mercury mg/m ³ .	A1	Annually.	27/01/03
Heavy Metals (Sb, As, Pb, Cr, Co, Cu, Mn, V, Ni) mg/m ³ .	A1	Annually.	27/01/03
PCBs TEQ ng/m ³	A1	As per improvement programme.	
PAH µg/m ³	A1	As per improvement programme.	
Flow m ³ per day	W1	Every month	27/01/03
Flow m ³ per second			
Temperature °C	W1	Every month	27/01/03
Suspended solids mg/l	W1	Every month	27/01/03
Suspended solids t/day			
Oil or grease mg/l	W1	Every month	27/01/03
BOD mg l ⁻¹	W1	Every month	27/01/03
BOD tpd			

Permit and introductory note: IPPC Regulations 2000

Written agreement to changes

COD mg/l	W1	Every month	27/01/03	
COD tpd				
pH maximum	W1	Every month	27/01/03	
pH minimum				
Gamma Hexachlorocyclohexane ng/l	W1	Quarterly	27/01/03	
Gamma Hexachlorocyclohexane g/day				
Total Hexachlorocyclohexane ng/l	W1	Quarterly	27/01/03	
Total Hexachlorocyclohexane g/day				
DDT	W1	Quarterly	27/01/03	
Arsenic	W1	Quarterly	27/01/03	
Chromium	W1	Quarterly	27/01/03	
Copper	W1	Quarterly	27/01/03	
Nickel	W1	Quarterly	27/01/03	
Zinc	W1	Quarterly	27/01/03	
Aldrin	W1	Quarterly	27/01/03	
Atrazine	W1	Quarterly	27/01/03	
Azinphos methyl	W1	Quarterly	27/01/03	
Carbon Tetrachloride	W1	Quarterly	27/01/03	
1,2-dichloroethane	W1	Quarterly	27/01/03	
Dichlorvos	W1	Quarterly	27/01/03	
Dieldrin	W1	Quarterly	27/01/03	
Endosulfan	W1	Quarterly	27/01/03	
Endrin	W1	Quarterly	27/01/03	
Fenitrothion	W1	Quarterly	27/01/03	
Hexachlorobenzene	W1	Quarterly	27/01/03	
Hexachlorocyclohexane	W1	Quarterly	27/01/03	
Isodrin	W1	Quarterly	27/01/03	
Parathion methyl	W1	Quarterly	27/01/03	
Polychlorinated biphenyls	W1	Quarterly	27/01/03	
Simazine	W1	Quarterly	27/01/03	
Trichlorobenzene.	W1	Quarterly	27/01/03	
Tri-butyl tin, all isomers.	W1	Quarterly	27/01/03	
Ammoniacal Nitrogen	W1	Monthly	27/01/03	
Bottom ash analysis (%C in ash, composition, leaching)	Bottom ash	According to specified Agency protocol	6 Months	O1
Bag house and boiler ash analysis (composition, leaching)	Bag house and boiler ash	According to specified Agency protocol	6 Months	O1
Waste throughput (tonnes)	N/A	N/A	6 Months	O1
Bottom and fly ash. (tonnes)	N/A	N/A	6 Months	O1
Periods of abnormal operation	A1	N/A	Monthly	O2

Schedule 3

Forms to be used

Unless otherwise agreed in writing between Agency and the Operator, the following Agency forms are to be used for reports submitted to Agency.

Table S3: Reporting Forms		
Media/parameter	Form Number	Date of Form

END OF PERMIT