



## **POLLUTION PREVENTION AND CONTROL ACT 1999**

### **LOCAL AUTHORITY POLLUTION PREVENTION AND CONTROL**

#### **APPLICATION FOR A PERMIT To operate a CONCRETE BATCH PLANT.**

**Operator Name: Tarmac Ltd**

**Name/Address of Installation:**

**Tarmac Ltd Ipswich Works  
The Docks, Cliff Road  
Cliff Quay  
Ipswich  
Suffolk**

**Post code: IP3**

**Contact Name: Mr J Gillan**

**Telephone number: 07753 831005.**

**Fax number:**



## The New Pollution Prevention and Control Regime

A new system of regulation for dealing with pollution issues, known as Pollution Prevention Control (PPC), came into force in 2000. PPC is introduced by way of the Environmental Protection Act 1990, the current pollution framework under which you are authorised for Local Air Pollution Control.

The basic purpose of the PPC regime is to introduce a more integrated approach to controlling pollution from industrial sources. It aims to achieve "a high level of protection of the environment taken as a whole by, in particular, preventing, or where that is not practicable, reducing emission into the air, water and land" (*Regulation 8(2)-(3)*).

The PPC system applies an integrated environmental approach to the regulation of certain industrial activities. This means that emissions to air, water (including discharges to sewer) and land, plus a range of other environmental effects, must be considered together. It also means that permit conditions must be set so as to achieve a high level of protection for the environment as a whole. These conditions are based on the use of the "**Best Available Technique**" (BAT), which balances the costs to the operator against the benefits to the environment.

The PPC system places industrial and commercial installations into three new parallel regimes:-

- A1 Integrated Pollution Prevention and Control enforced by Environment Agency.
- A2 Integrated Pollution Prevention and Control (LA-IPPC) enforced by Local Authorities.
- B Local Air Pollution Prevention Control (LAPPC) enforced by Local Authorities.

Installations falling within the A1 and A2 regimes will be subject to control of pollution to land, air and water, together with noise and vibration, energy, land contamination, emergencies, amongst other things. Part B processes currently authorised under Part 1 of the Environmental Protection Act 1990, like your authorised process, will transfer to the LAPPC regime and I remain subject to air pollution control only.

New installations falling under the LA-IPPC or LAPPC regimes should contact the Local Authority for an application pack. You will be given advice on how to prepare your application and how the regime will apply.

For existing authorised processes, the changeover from LAP to LAPPC will essentially be an administrative one and will not involve payment of new application fees. The transfer will take place over a phased timetable. An extract of Defra guidance setting out the transfer timetable is attached.

Installations transferring from LAP to LAPPC do not have to take action at this stage. You are considered to have made a deemed application. The Local Authority has 12 months to transfer your LAP to an LAPPC permit. If your authorised process is due for transfer, you will be contacted to confirm that a deemed application has been made. If the Local Authority fails to notify you of its determination of the application within 12 months the operator can notify the Local Authority in writing which then triggers a deemed refusal. The operator will then have leave to appeal against this refusal.

For further information, contact Environmental Protection Services on 01473 433115.

## Application for a permit

### Local Authority Pollution Prevention and Control

Pollution Prevention and Control Act, 1999

Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended)

#### Introduction

#### When to use this form

This regime is known as Local Authority Pollution Prevention and Control, LAPPC. Installations permitted under this regime are known as B installations. Use this form if you are sending an application for a 'Part B' permit to a Local Authority under the Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended) ("the PPC Regulations").

#### Before you start to fill in this form

Please read the Defra general guidance manual issued for LA-IPPC and LAPPC. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant sector guidance note, BREF note or Process Guidance note as relevant. The Pollution Prevention and Control (England and Wales) Regulations 2000 can be obtained from The Stationary Office, or viewed on their website at [www.legislation.hmso.gov.uk/si/si2000/20001973.htm](http://www.legislation.hmso.gov.uk/si/si2000/20001973.htm)

#### Which parts of the form to fill in

You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When complete return to:

*Environmental Protection Services  
Ipswich Borough Council  
4<sup>th</sup> Floor  
Grafton House  
15-17 Russell Road  
Ipswich IP1 2DE*

#### Other documents you may need to submit

*There are number of other documents you may need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number and the application reference number, if you have been given one, which will be at the top of the form overleaf. If you do not have either of these, please use the name of the installation.*

#### Using continuation sheets

In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

#### Copies

Please send the original and 3 copies of the form and all other supporting material, to assist consultation.

#### If you need help and advice

We have made the application form as straightforward as possible, but please get in touch with us at the local authority address given above if you need any advice on how to set out the information we need.

LAPPC Application Form. to be completed by the operator		
For Local Authority use		
Application Reference:	Officer Reference:	Date received:

**A1.1 Name of the installation**

Tarmac Ltd – Concrete batch plant Ipswich.

**A1.2 Please give the address of the site of the installation**

The Docks, Cliff Road,

Cliff Quay, Ipswich, Suffolk

Postcode IP3 Telephone

Ordnance Survey national grid reference 8 characters,  
for example, SJ 123 456

TM 168 419.

**A1.3 Existing authorisations:**

Please give details of any existing LAPC or IPC authorisation for the installation, including reference number(s):

None on the proposed site

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted)

**A2.1 The Operator – Please provide the full name of company or corporate body**

Tarmac Ltd

Trading/business name (if different)

**Registered Office address**

Millfields Road/ Spring Road.

Ettingshall,

Wolverhampton Postcode: WV4 6JP.

LAPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference:	Officer Reference:	Date received:

Principal Office address (if different)

\_\_\_\_\_

\_\_\_\_\_

Postcode:

Company registration number

453791

**A2.2 Holding Companies**

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

No

Yes  *name of ultimate holding company*

Anglo American PLC

Registered office address

20 Charlton House,

London.

Postcode SW1Y 5 AN.

Principal Office address (if different)

As above.

Postcode

Company registration number: \_\_\_\_\_

LAPPC Application Form: to be completed by the operator		
<b>For Local Authority use</b>		
Application Reference:	Officer Reference:	Date received:

### A3.1 Who can we contact about your application?

*It will help to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.*

Name                     R D Hudson                    

Position                     Principal Engineer                    

Address                     12 Thomtree Close                    

                    Ravenstone                    

                    Leicestershire                    Postcode LE67 2JY                    

Telephone number                     01530 832291                    

Fax number                     01530 454032                    

E. Mail address                     robhudsoncons@ntlworld.com

LAPPC Application Form: to be completed by the operator		
For Local Authority use		
Application Reference:	Officer Reference:	Date received:

## B1 About the Installation

Please fill in the table below with details of all the current activities in operation at the whole installation.

### In Column 1a *Activities in the stationary technical unit*

Please identify all activities listed in Schedule 1 to the PPC Regulations that are, or are proposed, to be carried out in the stationary technical unit of the installation.

### In Column 1b *Directly associated activities*

Please identify any directly associated activities that are, or are proposed, to be carried out on the same site which:

- \* have a technical connection with the activities in the stationary technical unit
- \* could have an effect on pollution

In column 2a and b Schedule 1 references, please quote the Chapter number, Section number, then paragraph and sub-paragraph number as shown in Part 1 of Schedule 1 to the PPC Regulations. For example, *Manufacturing glass where the use of lead or any lead compound is involved*, would be listed as Chapter 3, Section 3.3, Part B(b).

### B1.1 Installation table for new permit application

COLUMN 1a	COLUMN 2a
<b>Activities in the Stationary Technical Unit</b>	<b>Schedule 1 References</b>
Bulk handling and storage of cement and other powder additives and substitutes within a concrete batch plant.	Chapter 3 section 3:1 Part B(b)
COLUMN 1b	COLUMN 2b
<b>Directly associated activities</b>	<b>Schedule 1 References</b>
Internal weighing and mixing of aggregates and sand with water, cement and other substitutes and additives.	As part of the installation under Part B (b)
Loading of concrete products into truck mix and other road vehicles.	As part of the installation under Part B (b).

## B1.2 Why is the application being made?

the installation is new

it is an existing Part B process authorised under the Environmental Protection Act for which a substantial change is proposed within 4 months of the transitional date and an LAPPC permit is required.

## B.1.3 Site Maps

Please provide:-

- A suitable map showing the location of the installation clearly defining extent of the installations in red

Doc Reference Drawing No IPS/517/B

- A suitable plan showing the layout of activities on the site, including bulk storage of materials, waste storage areas and any external emission points to atmosphere

Doc Reference Drawing No IPS/517/B and Elevation Drawing No IPS/519/A

B2 The Installation

***Please provide written information about the aspects of your installation listed below. We need this information to determine whether you will operate the installation in a way in which all the environmental requirements of the PPC Regulations are met.***

**B2.1** Describe the proposed installation and activities and identify the foreseeable emissions to air from each stage of the process (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation)

***The use of process flow diagrams may aid to simplify the operations***

Doc Reference: Appendix 1 Section B2.1 and flow diagram No 3062

**B2.2** Once all foreseeable emissions have been identified in the proposed installation activities, each emission should be characterised (including odour) and quantified.

- **atmospheric emissions** should be categorised under the following
  - point source, (e.g. chimney / vent, identified by a number and detailed on a plan)
  - fugitive source (e.g. from stockpiles / storage areas).

If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

***(Mass Emission - the quantification of an emission in terms of its physical mass per period of time. Eg. Grams per hour, tonnes per year)***

Doc reference: Appendix 1 Sections B2.2 and B2.2.1 and Table B2.2.2.



**B2.3** For each emission identified from the installations' activities describe the current and proposed technology and other techniques for preventing or, where that is not practicable reducing the emissions. If no techniques are currently used and the emission goes directly to the environment, without abatement or treatment this should be stated

Doc Reference: Appendix 1 Section B2.3.

**B2.4** Describe the proposed systems to be used in the event of unintentional releases and their consequences. This must identify, assess and minimise the environmental risks and hazards, provide a risk based assessment of any likely unintentional releases, including the use of historical evidence. If no assessments have been carried out please state.

Doc Reference: Appendix 1 Section B2.4.

**B2.5** Describe the proposed measures for monitoring all identified emissions including any environmental monitoring, and the frequency, measurement methodology and evaluation procedure proposed. (e.g. particulate matter emissions, odour etc). Include the details of any monitoring which has been carried out which has not been requested in any other part of this application. If no monitoring is proposed for an emission please state the reason.

Doc Reference: Appendix 1 Section B2.5.

**B2.6** Provide detailed procedures and policies of your proposed environmental management techniques, in relation to the installation activities described.

Doc Reference: Appendix 1 section B2.6.

### **B3 Impact on the Environment**

**B3.1** Provide an assessment of the potential significant local environmental effects of the foreseeable emissions (for example, is there a history of complaints, is the installation in an air quality management area?)

Doc Reference: Appendix 1 Section B3.1.

**B3.2** Are there any sites of special scientific interest (SSSIs) or European Sites which are within 2 kilometres of the installation?

No

Yes  *please give names of the sites*

Bobbits Hole Belstead and Orwell Estuary.

**B3.3** Provide an assessment of whether the installation is likely to have a significant effect on such sites and, if it is, provide an assessment of the implications of the installation for that site, for the purposes of the Conservation (Natural Habitats etc) Regulations 1994.

Doc Reference: Appendix 1 section B3.3

**B4 Environmental Statements**

**B4.1** Has an environmental impact assessment been carried out under The Town and Country Planning (Environmental Impact Assessment)(England & Wales) Regulations 1999, or for any other reason with respect to the installation.

No

Yes  *Please supply a copy of the environmental impact assessment and details of any decision made*

Doc Reference: \_\_\_\_\_

**B5 Additional information**

Please supply any additional information which you would like us to take account of in considering this application.

Doc Reference Appendix Section B5.1

**C1 Fees and Charges**

The enclosed charging scheme gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

The current fees are attached in Appendix A.

**C1.1 Please state the amount enclosed as an application fee for this installation.**

£1514 . Cheques should be made payable to: *Ipswich Borough Council*

We will confirm receipt of this fee when we write to you acknowledging your application.

**C1.2 Please give any company purchase order number or other reference you wish to be used in relation to this fee.**

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**C2 Annual charges**

If we grant you a permit, you will be required to pay an annual subsistence charge, failure to do so will result in revocation of your permit and you will not be able to operate your installation.

**C2.1 Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.**

Tarmac Ltd

Colchester Area office

Warren Lane, Stanway, Near Colchester.

Postcode: CO3 0NN.

Telephone: 01206 330795.

**C3 Commercial confidentiality**

**C3.1 Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality?**

No X

Yes

Please provide full justification, considering the definition of commercial confidentiality within the PPC regulations.

Doc Reference \_\_\_\_\_

**C3.2 Is there any information in the application that you believe should be kept from the public register on the grounds of national security?**

No    X   

Yes   

Do not write anything about this information on the form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

#### **C4 Data Protection**

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and or disclose any of the information you give us in order to:

- consult with the public, public bodies and other organisations,
- carry out statistical analysis, research and development on environmental issues,
- provide public register information to enquirers,
- investigate possible breaches of environmental law and take any resulting action,
- prevent breaches of environmental law,
- assess customer service satisfaction and improve our service.

We may pass on the information to agents/ representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 32 of the PPC regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- make a false statement which you know to be false or misleading in a material particular,
- recklessly make a statement which is false or misleading in a material particular.

If you make a false statement

- we may prosecute you, and
- if you are convicted, you are liable to a fine or imprisonment (or both).

**C5 Declaration**

**C5.1 Signature of current operator(s)\***

I / We certify that the information in this application is correct. I / We apply for a permit in respect of the particulars described in this application (including supporting documentation) I / We have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the application from:

Installation name: Tarmac Ltd - Ipswich Concrete plant

Signature 

Name Mr J Gillan

Position Zone Manager

Date 28.04.08

Signature \_\_\_\_\_

Name \_\_\_\_\_

Position \_\_\_\_\_

Date \_\_\_\_\_

Where more than one person is defined as the operator, all should sign. Where a company or other body corporate – an authorised person should sign and provide evidence of authority from the board of the company or body corporate.

**Tarmac Ltd.**

**Supplementary Technical Document**

**in support of an application for an LAPPC Permit .**

**to**

**Ipswich Borough Council,  
Environmental Services,  
Grafton House,  
15-17 Russell Road  
Ipswich,  
Suffolk IP1 2DE.**

**Under section 3.1 PPC regulations SI2000 No.1973**

**for**

**Bulk handling of cement  
in a Concrete Batch Plant.**

**A new plant installation  
at**

**Tarmac Ltd Ipswich Works  
The Docks, Cliff Road  
Cliff Quay,  
Ipswich  
Suffolk IP3.**

**Prepared by R D Hudson  
Rob Hudson Consultancy.**

**April 2008.**

## 1.

This application seeks an LAPPC Permit to cover the installation and operation of a Concrete Batch Plant to be located at The Docks, Cliff Road, Cliff Quay, Ipswich. The concrete batch plant will be installed along side an roadstone coating plant also to be installed at the site under a separate LAPPC permit application.

It is proposed to install the concrete batch plant as early as possible in June 2008 to supply concrete for the considerable civil works needed at the site for the Roadstone Coating Plant and its aggregate storage bays. When the LAPPC permit is issued, the plant will then also produce ready mixed concrete for sale within the Ipswich area.

The plant installation is designed to meet the more stringent BAT standards of Process Guidance Note PG3/1 (04).

This supplementary technical support document is presented in a format in keeping with PPC Regulations and is intended to supplement the familiar formal application form and assist Ipswich Borough Council in their preparation of an LAPPC Permit for the process.

In support of this application the following drawings are provided :-

- 1.2.1. Site location plan No IPS/517/B.
- 1.2.2. Site elevation drawing No IPS/519/A.
- 1.2.3. Elevations and plan of the plant. Drawings No IPS520, IPS521 and IPS 521
- 1.2.4. Process flow diagram of the plant. No 3062.

### B2.1. Description of the prescribed process.

Concrete is manufactured by mixing Portland cement and other cement graded materials in with aggregates, sand and water in controlled proportions.

The Steelfields Major 60 Concrete Batch Plant will comprise :-

- Sized aggregates and sand stocked within a number of three sided bay enclosures.
- Up to 4x50t capacity overhead aggregate hoppers with wing plates fed by a single ground level reception hopper and radial conveyer.
- An aggregate weigh system and transfer conveyer feeding a 2m<sup>3</sup> rotary pan mixer.
- An 70tonnes capacity silo designed store Portland Cement.
- Additional 2x32t capacity silos to handle Portland Cement or other specialist powders.
- A water supply and recycling settling system feeding the plant mixer.
- Water handling and recycling system.
- Internal access road system, with weigh bridge office and messing facilities.

Sized aggregates and sand delivered to the process boundary by road vehicles are stored within three sided dedicated stock bays to prevent material contamination and secondary nuisance from wind whipping.

Sand and sized aggregate drawn from stock by a mechanical shovel will be fed into a reception hopper for controlled transfer by an inclined radial conveyor into any one of four overhead covered aggregate storage hoppers.

Selected aggregates are then weighed out into the batch weigh hopper to achieve the desired mix recipe and then fed as a batch by conveyer into the pan mixer. Cement and other additives are also added from their dedicated weigh scale hoppers in sequence and then final mixing of the product takes place.

*Handwritten notes:*  
→ 11/08/08  
→ 12/08/08  
→ permit /n  
→ Roadstone  
→ Coating plant

## 2.

Bulk cement and possibly other powders stored within the silos will be separately conveyed to appropriate weigh hoppers by sealed screw conveyors for addition into the mix.

Water and liquid admixture materials may be separately pumped from adjacent tanks into additional dedicated weighing hoppers for controlled addition into product mix. In dry mode, the proportioned aggregates and cement are discharged through a mixer bypass chute directly into truck mixers for final mixing with water.

In wet mix mode, the proportioned concrete mix is fed directly into the pan mixer where final mixing takes place for a pre determined time and the final concrete products are discharged wet into truck mix vehicle for transport from site.

A mains water tank with anti-frost heating, will supply the plant with water for mixing and wash out connections.

Run off water will be drained towards a sump and site settlement area and material reclaiming system which is regularly cleaned out with by site machines.

### B2.2. Releases to air.

Potential fugitive emissions from :-

- Delivery, handling, storage, weighing and mixing of sand and aggregates.
- Delivery, handling, storage, weighing and mixing of bulk cement.
- Final delivery to truck mix vehicles through the plant load out point.

Point source releases from :-

- 32t capacity cement silo pulse jet vent filter to air at  $<10\text{mg}/\text{m}^3$
- 32t capacity cement silo pulse jet vent filter to air at  $<10\text{mg}/\text{m}^3$
- 70t capacity cement silo pulse jet vent filter to air at  $<10\text{mg}/\text{m}^3$ .

#### B2.2.1. Nature of raw materials and their potential emissions.

Raw materials handled by the installation will include sand and sized aggregates together with Portland Cement, Pulverised Fuel Ash and other specialist cement products, each having the potential for fugitive particulate releases during processing and handling at site. The BAT standard techniques for controlling these substances are detailed within section B2.3. However the nature of the substances received and handled at site, are briefly mentioned as follows.

2.2.1.1. Sand is produced from a wet process and will therefore retain some 8% moisture to prevent any fugitive particulate releases during handling at site. Similarly, the various aggregates, typically  $>6\text{mm}$  and  $20\text{mm}$  (pre screened to remove  $<3\text{mm}$  materials) will retain a natural moisture of between 2% to 3% minimise fugitive releases to air.

2.2.1.2. Cement and other powders, each typically 85%  $<75\text{microns}$  delivered dry in bulk tankers can only be transferred and stored at site within BAT standard designed silo vessels with integral interlocked protection and filtration systems to control particulate releases to acceptable standards.

2.2.1.3. Admixture materials may also be received at site in liquid form in relatively small quantities but have no potential for particulate releases to air.



2.2.1.4. The manufacture of concrete products includes weighing and mixing of aggregate, sand, cement and other additives received at site in their natural state and will not include any secondary preparation process.

2.2.1.5. There is no requirement for heat treatment and subsequently there will be no releases to air from products of combustion or any other secondary pollutant release from the installation except for particulate releases mentioned above.

2.2.1.6. Emission monitoring is not normally carried out on concrete batch plants that comply with guidance note PG3/1(04).

### B2.2.2. Table of Emission release points.

Release point and abatement	Prescribed substance	Assessment of release to air	Expected emission.	Release condition.
Imported >6mm and 20mm stone and sand delivered damp or wet.	Sand/stone Particulate.	Negligible fugitive emissions.	Negligible	Fugitive
Roads-parking well surfaced regularly cleaned or wetted.	Sand/stone Particulate.	Negligible fugitive emissions from traffic routes.	Negligible	Fugitive
Stone and sand storage within three sided bays to prevent wind whipping.	Sand/stone Particulate.	Negligible fugitive emissions during delivery and transfer.	Negligible	Fugitive
Stone and sand delivered damp to reception hopper. Radial conveyer entry and exit covered. Discharge to overhead hoppers through discharge chute.	Sand/ stone Particulate.	Negligible fugitive emissions during delivery.	Negligible	Fugitive.
Overhead hoppers fed within 3 sided wing plates. Discharged to belt weigh system covered / sealed into feed conveyer.	Sand/ stone particulate.	Negligible fugitive emissions	Negligible	Fugitive.
Feed conveyor sealed to mixer and dry batch bypass.	Sand /stone particulate	Negligible fugitive emissions	Negligible	Fugitive.
Cement stored within 3 sealed silos with pulse jet filters and PRV. Protected by high level and over pressure cut out systems.	Cement or substitute powders.	70t silo vent filter 32t silo vent filter 32t silo vent filter	<10mg/m <sup>3</sup> <10mg/m <sup>3</sup> <10mg/m <sup>3</sup>	Point source only during filling
Bulk delivery of cement also protected by tanker on board PRV and filtration systems.	Cement particulate.	Silo integrity assured. No secondary emissions from tanker pressure during delivery.	Negligible.	Point source cleaned air from tanker.
Cement powder transferred to weigh hopper by sealed screw conveyers.	Cement particulate.	Fugitive emissions contained at source within weigh hopper.	Negligible	Fugitive.
Mixer and by pass chute fully enclosed into loading chute with sprays on discharge.	Cement Stone sand Particulates.	Fugitive emissions contained and load out to truck mix vehicles with building.	Negligible	Fugitive.
Washout and water system.	Silts	Regular washing down to reclaim unit, removal of silts.	Negligible	Fugitive.
Being a batch fed unit there are no unforeseen releases during start up or shut down.	Particulate	Plant process protected by interlocking control system as detailed in section 2.4.1.	Negligible	Fugitive.

## B2.3. Techniques used to control Releases to air.

- 2.3.1. Concrete aggregates, typically sand, >6mm and 20mm sized gravel or hard stone are delivered in their natural damp state into three sided stock bays to minimise emission releases during storage and transfer.
- 2.3.2. Selected aggregates drawn from stock will be transferred by mechanical loading shovel into a reception hopper feeding an inclined radial conveyor into the plant. The radial feed conveyor will be contained at its entry and discharge points. The head drum will be covered and fitted with a discharge chute. The high level storage hopper will be fitted with wing plates to prevent wind whipping.
- 2.3.3. The aggregate weigh and batch transfer conveyor will be enclosed and sealed into both the storage hoppers and plant mixer and bypass enclosure.
- 2.3.4. Aggregate handling within the weighing and mixing process takes place within sealed enclosures designed to contain emissions at source and these will be housed within a sheeted building to prevent secondary releases to atmosphere.
- 2.3.5. A spray ring will be fitted to the mixer discharge to flush through the discharge chute into the truck mixer beneath to prevent internal sand and powder build up and secondary releases to air.
- 2.3.6. Each bulk powder cement silo will have a reverse air pulse jet filter designed to control particulate releases to  $<10\text{mg}/\text{m}^3$  during filling. In addition each silo will be also be fitted with a PRV to maintain back up mechanical integrity. Continuous level indication will also be installed, designed to initiate a high level alarm both visually and audibly.
- 2.3.7. Each silo will also be protected by a high level and over pressure cut out system such that if initiated will trigger an alarm both at the plant control room and locally at the fill point. After a pre-set delay period the silo protection system will automatically shut a valve in the fill line to prevent any further feed of material or transfer air.
- 2.3.8. Deliveries of cement powders will be made using only tankers having on-board pressure relief and filtration systems. Whilst each silo is fitted with its own protection system, the truck mounted protection system will ensure that excess transfer air released from the tanker at the end of a delivery will not take place through the silo system.
- 2.3.9. In addition, silo charging will only be carried out under supervision and fill pipes will be locked off when not in use.
- 2.3.10. Cement powders will be fed from the silos into the mixing tower by totally enclosed screw conveyers sealed and interlocked into appropriate receiving weigh vessels.
- 2.3.11. Similarly all other additives and admixtures will be sealed and interlocked into its dedicated receiving vessel for final weighing or metering.
- 2.3.12. All site access roads and hard standing for incoming vehicles will be surfaced and cleaned or wetted when necessary. Hard surfaced roads will be regularly swept with a mechanical road sweeper to an agreed program.

## B2.4. Process Operation, Staffing and unusual circumstances.

The process will be operated by skilled operators, supported by a number of truck mix drivers, maintenance contractors and numerous suppliers of components and consumable spares.

2.4.1. The process is sequentially controlled such that in normal operation, should any part of the plant trip out on a fault condition, then the preceding process flow will be tripped automatically to prevent spillage, blockage and the possibility of secondary emissions to atmosphere.

Plant operation is essentially a batch process, therefore within the process, the product in flight at any time is minimal and no start up or shut down problems are therefore foreseen.

2.4.2. The plant will also be regularly inspected as a preventative maintenance precaution and also to ensure correct plant operation to maintain product quality. In addition, operatives and engineers regularly carry out specific plant inspections to ensure that environmental measures designed to prevent emissions to air are operating successfully.

2.4.3. In addition, silo charging will be observed by a nominated operator to ensure that acceptable charging pressures are maintained at all times by the tanker driver.

2.4.4. The high contents level alarm system will provide the tanker operator with a local high level alarm system sensed both audibly and visually.

2.4.5. With the operating and preventative maintenance techniques together with the silo alarm and protection system in place, the mechanical integrity and safety of each silo will be maintained and emissions across the site boundary will be most unlikely.

Notwithstanding the above, the most likely causes of particulate releases from the plant will be from over pressurisation of Cement silos at the beginning and end of the charging process causing the pressure relief valve to open, or failure of a venting filter during charging. Both of these incidents are minimised by due attention to maintenance especially to filtration equipment and the pressure relief valve.

However a contingency plan will include :-

- a. Essential repairs to vital equipment associated with the mechanical integrity of a silo or control of emissions, will be carried out as a matter of priority and urgency. The company will also make sure that essential spares to maintain compliance with the Permit, will be readily available at site or on the shelf of a local stockist.
- b. Should the emissions persist then the fill pipe to the silo will be locked off to prevent charging until the repairs to offending equipment is completed.
- c. In the unlikely event that such failures give rise to emissions across the site boundary, the incident will be reported to Ipswich Borough Council. In addition the offending part of the process will be shut down as soon as is safe to do so until the nuisance is abated.

## B2.5. Monitoring and inspections.

Daily visual assessments at strategic positions around the works, will be carried out by a nominated member of the staff and the following noted in the environmental log book.

Daily inspections will be carried out, covering the following :-

- Dust emissions that may arise from all process plant, internal roads and stocks.
- Condition of wash out bay and reclaimers.
- All deliveries of imported Cement and additives observed by the nominated operator together with time in and time out of the delivery tanker.

Weekly inspections will be carried out, covering the following :-

- Seating of pressure relief valves on each silo will be checked once per week or before delivery, whichever is the longer interval.
- Silo level indication alarms will be tested once per week or before delivery takes place whichever is the longer period.

Monthly inspections will be carried out, covering the following :-

- Reverse jet filters and associated pneumatic cleaning systems will be tested for correct operation and for evidence of a leakage emission around the discharge.

In the event of any emission from silo filters or pressure relief valves detected during the filling process or evidence from a previous emission detected during routine weekly or monthly inspections, then corrective actions will be undertaken promptly before another delivery takes place.

## B2.6. Procedures and policies of the Environmental Management System.

2.6.1. To meet the requirements of the Act, a high standard of maintenance is considered essential to ensure that the process operates at its optimum performance. The Company operates a planned maintenance scheme at each of its units geared around creating maximum efficiency from plant in terms of reliability and output.

The company is also committed to include environmental efficiency into these maintenance schemes with the help of local Environmental Health Officers. Necessary work will always be carried out by qualified members of the workforce or specialist contractors.

2.6.2. A high standard of housekeeping will be maintained. A management statement will be prepared for each plant having special regard to environmental matters, including responsibilities for each section of the process and actions clearly defined.

2.6.3. Training is given to all managers, supervisors and plant operators in all aspects of process plant operation including aspects of their work which directly or indirectly could give rise to emissions to the atmosphere. The training needs for each member of the staff are frequently reviewed and a training plan developed in accordance with the appropriate procedure under the site Quality Management System.

2.6.4. The Company operates an Environmental Management System and is ISO14001 accredited. The company is also committed to continually improve its environmental performance and provides upgrade training to all management and operational levels.

### B3.1. Impact upon the local environment.

3.1.1. For this installation, Process Guidance note PG3/1(04) covering the loading of, unloading and use of bulk cement provides statutory guidance to both operators and regulators regarding BAT standards. The note also provides details on mandatory air emission limits for full compliance with the Pollution Prevention and Control (England and Wales) Regulations 2000 SI 1973.

3.1.2. PG3/1(04) states that particulate matter may arise from a number of points in the installation where powders, additives and aggregates are handled, weighed and mixed. In addition, the installation may also give rise to fugitive releases of particulate matter from ancillary activities such as loading from tipping vehicles, aggregate conveyer transfers and filling of powder silos.

3.1.3. In response to air quality and statutory guidance, due regard has been given to BAT standards and emission limits relating to the installation and process in order to prevent and reduce such releases to acceptable levels such that there is no visible emissions across the installation boundary.

In accordance with guidance :-

- The nature and magnitude of potential releases to air have been adequately identified in section B2.2.
- BAT standard prevention, reduction and control techniques described in section B2.3 will be applied to the installation to effectively control potential particulate releases.
- In the event of unusual circumstances such as breakdown or abnormal operation leading to releases to air, prompt action will be taken to rectify the problem as described in section B2.4.
- Operation of the installation will be monitored by regular inspections described in section B2.5.

With the measures in place, the environmental impact of particulate releases from the plant installation and its associated truck mix fleet beyond the installation boundary will be negligible.

3.1.4. Ipswich Borough Council has declared three areas of the Borough as Air Quality Management Areas due to the impact of NO<sub>2</sub> from traffic emissions.

Ipswich AQMA No1 is 4km to the North West of the proposed site of the installation.  
Ipswich AQMA No2 is 3.5km to the North of the proposed site of the installation.  
Ipswich AQMA No3 is 2.5Km to the North of the proposed site of the installation.

The assessment carried out within Section 3.1.3. above indicates that with the proposed compliance emission level controls installed, there will be no significant environmental impact or residual risk beyond the installation boundary and therefore of no risk to the stated AQMA areas. Hence this LAPPC application does not require any changes to be made in relation to the AQMA areas.

8.

### B3.3 Effect on SSSI's.

There are two areas listed as an SSSI's within the 2km of the proposed installation site, to the South East, the Orwell Estuary and to the West, Bobbitt's Hole, Belstead.

The assessment carried out within 3.1.3 above indicates that with the proposed compliance emission level controls installed, there will be no significant environmental impact or residual risk beyond the installation boundary and therefore none to the ASSI listed. Hence this application does not require any changes to be made to the installation to protect these locations.

### B5. Additional information.

Using the BAT standards detailed in this application, the process will comply with Statutory Guidance contained within PG3/1(2004).



R D Hudson  
Environmental Engineer.  
On behalf of Tarmac Ltd.

April 2008.



Legend

For Site Plan See Dwg No. IPS/522



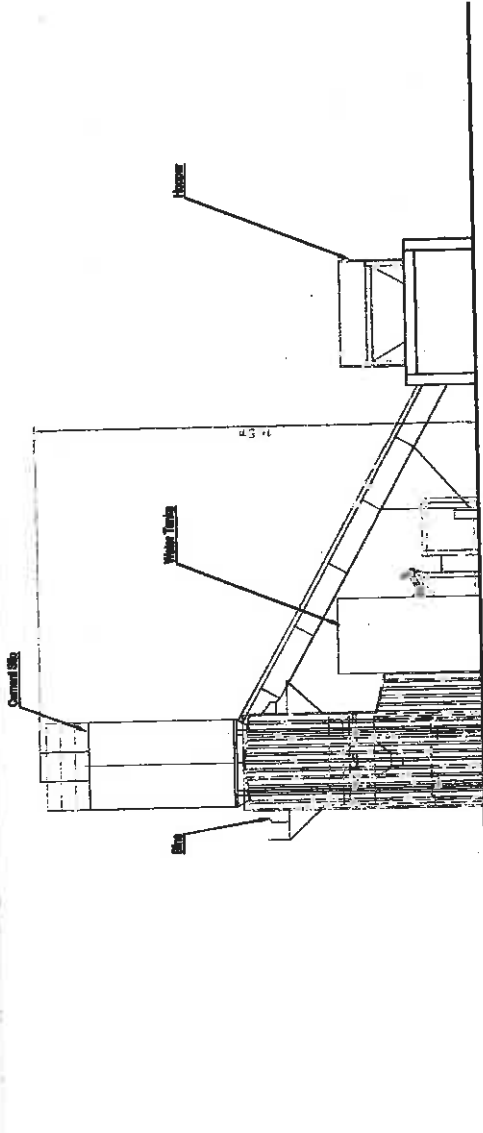
Tarmac Limited  
Engineering Dept  
Cobden, 2000 Hwy.  
Cochran, Ga. 30601  
Tel: 404 281 2075

Site Ipswich

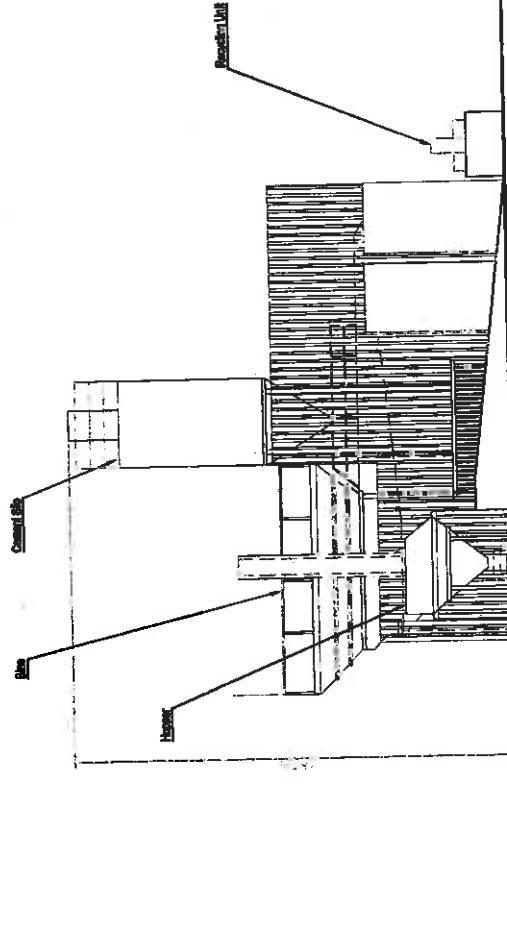
Title Proposed Elevations  
Of Concrete Plant

Drawn By D.T. Scale 1:200

Date 28/04/08 Drawing No. IPS/520



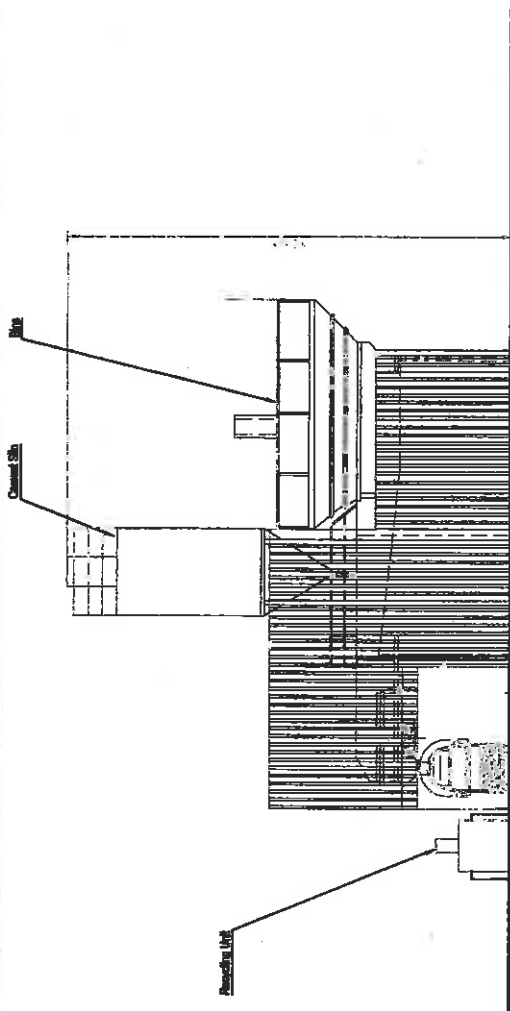
Elevation On "A"-A"



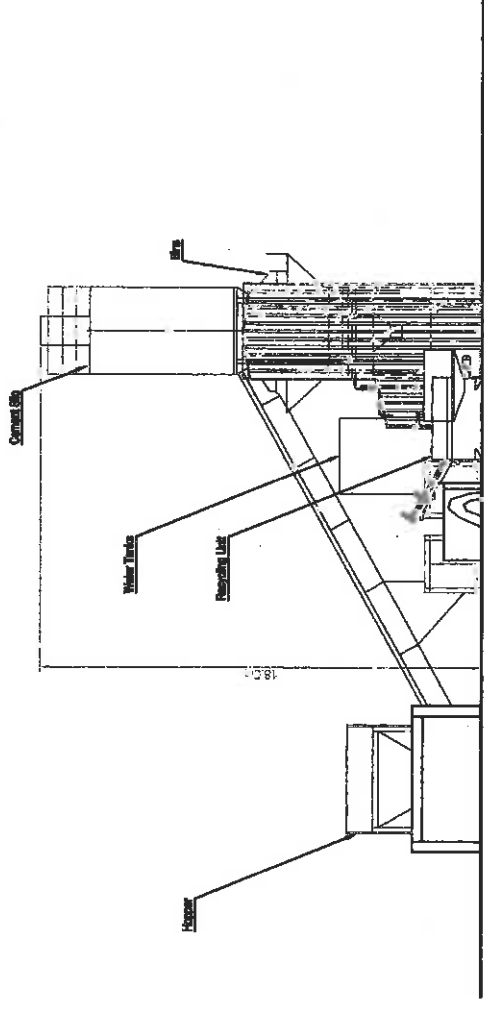
Elevation On "B"-B"



**Legend**



**Elevation On "C"- "C"**



**Elevation On "D"- "D"**



For Site Plan See Dag No. IPS/522



Tarmac Limited  
 Engineering Dept.  
 100, Victoria Road,  
 Cranston, Essex, C88 6RN.  
 Tel 01206 30016

Site	Ipswich		
Title	Proposed Elevations Of Concrete Plant		
Drawn By	D.T.	Scale	1:200
Date	28/04/08	Drawing No.	IPS/521



**Legend**

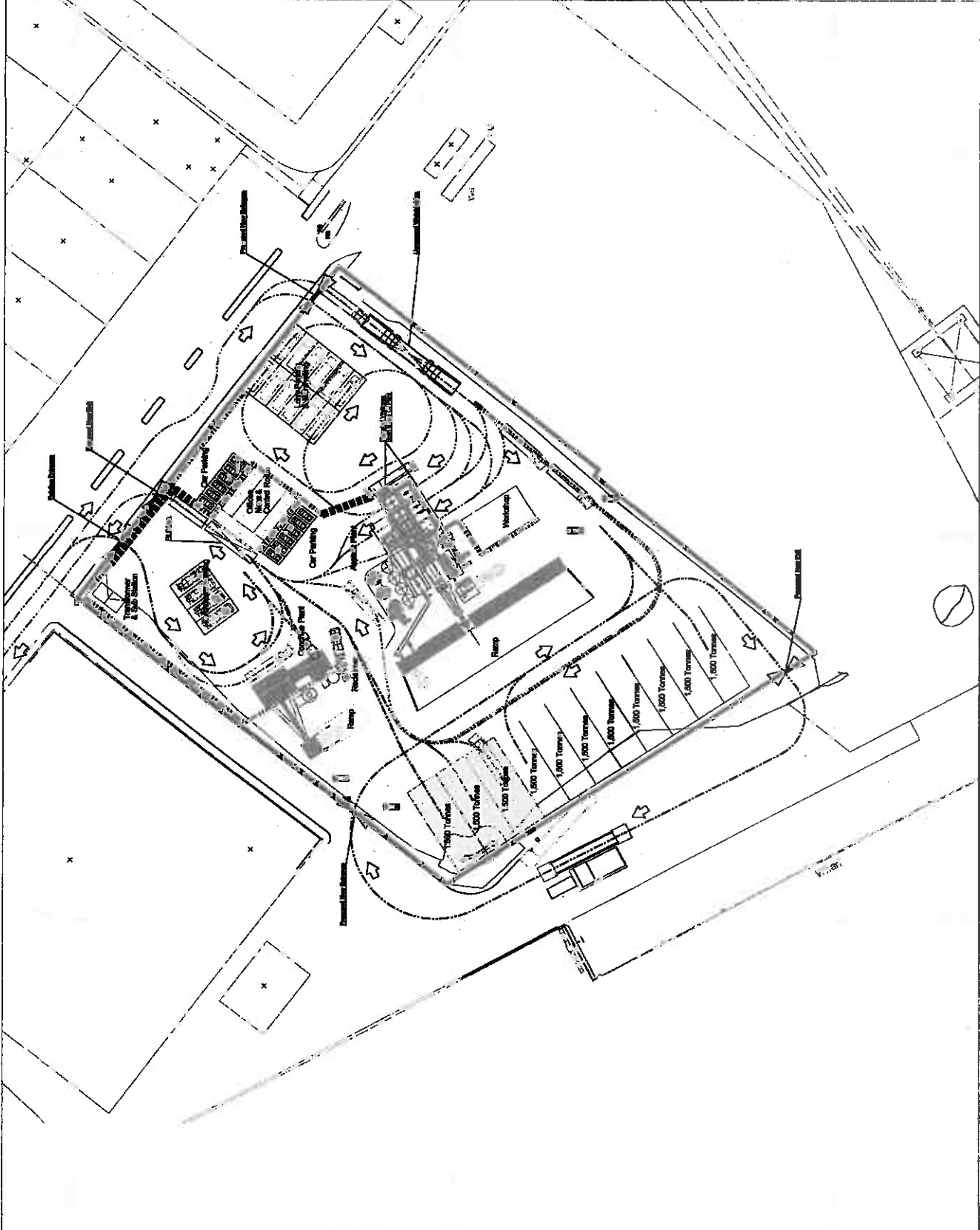
Storage Bays To Be Constructed From Proths & Sleepers  
 All Right Hand Side On Main Road 50m High  
 By Loading Shovel, & A Driveway Of 1.0' Tonnage 7x10

- Asphalt Lorries
- Dumpers
- Blumen & Fuel Oil Tankers
- Filer Tankers
- Truckbarn
- Protected Walkways
- Feeds John Crossings
- Direction Of Traffic Flow

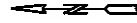


Tarmac Limited  
 Tarmac House, 100  
 Colchester Road,  
 Warrimoo, NSW, Australia  
 Tel: 02 7008 3300

<b>Site</b>	Ipawich
<b>Title</b>	Proposed New Asphalt Plant Layout & Traffic Management Plan.
<b>Drawn By</b>	D.T.
<b>Scale</b>	1:500
<b>Date</b>	28/02/08
<b>Drawing No</b>	IPS/517/B



Legend



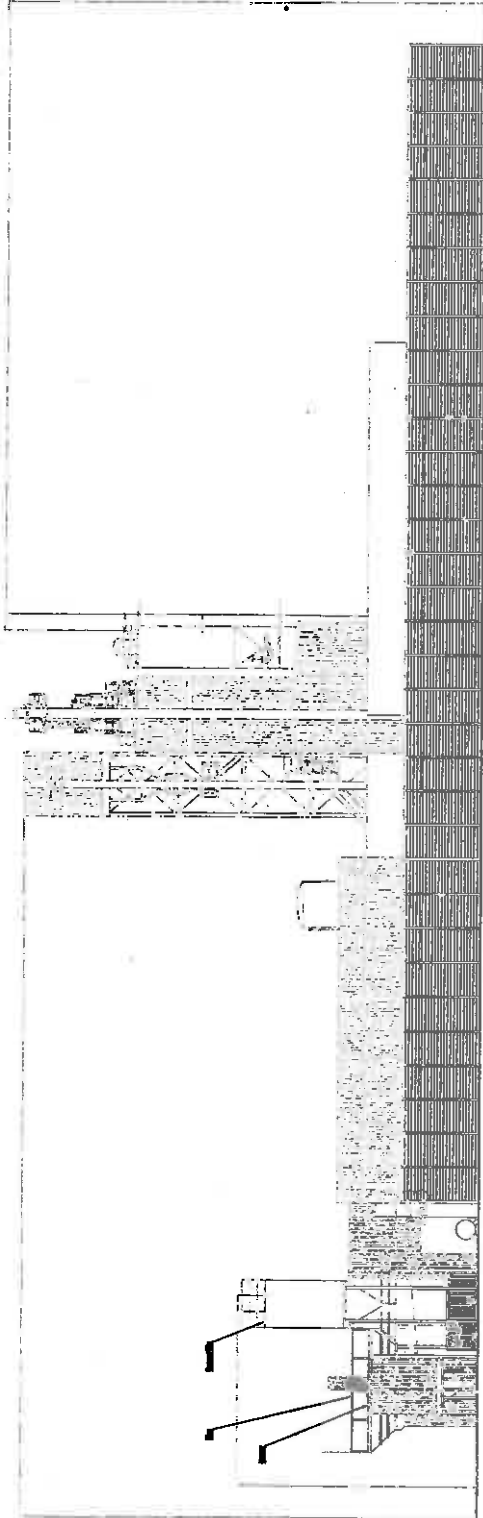
Tarmac Limited  
Engineering Dept  
Chobley, Leicestershire  
Cottingham, Leicestershire  
Leicestershire LE12 7JN  
Tel: 01530 330795

Site Ipswich

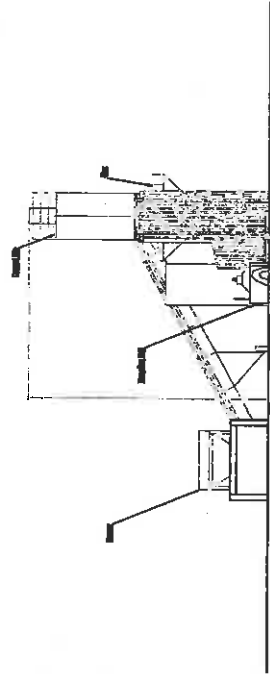
Title Proposed New Asphalt Plant  
& Concrete Plant Elevations

Drawn By D.T. Scale 1:200

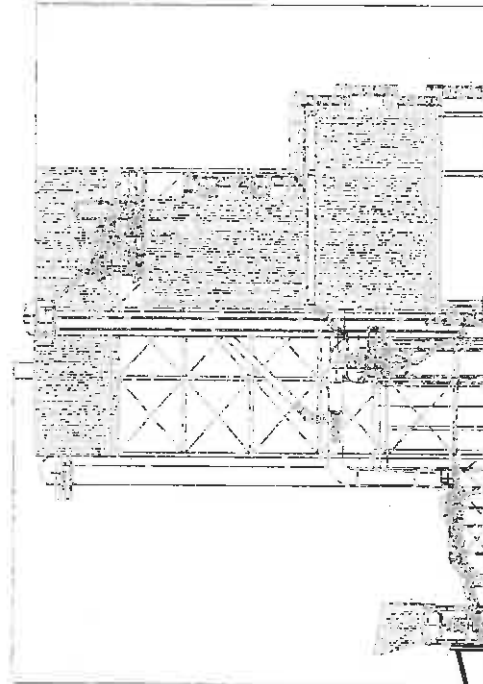
Date 19/04/08 Drawing No. IPS/5/19/B



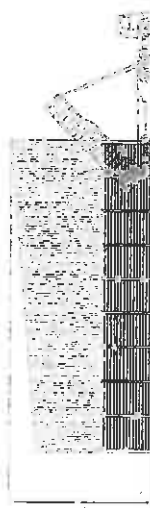
Elevation On "A"-A"



Elevation On "B"-B"



Elevation On "C"-C"



**Rob Hudson Consultancy - Environmental, Energy & engineering Services  
to the Quarrying industry.**

12 Thorntree Close,  
Ravenstone,  
Leicestershire,  
LE 67 2JY.

tel : 01530 832291.  
fax : 01530 454032.  
m : 07798 928215.

FAO Mr L Barker,  
Ipswich Borough Council,  
Environmental Services,  
Grafton House,  
15-17 Russell Road,  
Ipswich, Suffolk.  
IP1 2DE.

11<sup>th</sup> August 2008.

Dear Mr Barker ,

**Concrete Batch and Asphalt Plant installation - Tarmac Ltd.  
Application for a part B Permit under LAPPC Regulations**

Further to your letter dated 21<sup>st</sup> July 2008, an advertisement for each plant application in the format requested was placed in the East Anglian Daily Times on Thursday 7<sup>th</sup> August 2008.

Please find attached two copies of the page displaying both adverts

I would be grateful if you would acknowledge receipt of the adverts and that you are able to continue with determination of the applications.

The company are working towards a start date for the concrete plant towards the end of September and trust that the Permit would be ready to allow for this date.

I look forward to hearing from you soon, however, should you require any further information or need a site meeting please do not hesitate to contact me.

Your sincerely,



R D Hudson  
Environmental Engineer.  
on behalf of Tarmac Ltd.

## Jennifer Harrison

---

**From:** Les Barker  
**Sent:** 05 August 2008 08:46  
**To:** Jennifer Harrison  
**Subject:** FW: Tarmac Ltd application

Jennifer  
for information.  
Les

-----Original Message-----

**From:** Gilles Rachel (5PT) Suffolk PCT [mailto:Rachel.Gilles@suffolkpct.nhs.uk] **On Behalf Of** Keeble Brian (5PT) Suffolk PCT  
**Sent:** 04 August 2008 17:21  
**To:** Les Barker  
**Subject:** Tarmac Ltd application

Dear Mr Barker

Thank you for your letter of 21 July and copies of the two Tarmac applications.

It would have been useful to have a map of the location of these new premises showing their relationship to local residential housing. Mindful, however, of Tarmac's view that there will be negligible environmental effects beyond the site boundary, I have no health concerns relating to these developments.

Regards

Brian Keeble  
Consultant in PH - Health Protection

**Rachel Gilles** | Business Support Officer | Public Health | **NHS Suffolk**  
Suffolk Primary Care Trust | Rushbrook House, Paper Mill Lane, Bramford, Ipswich, IP8 4DE | [www.suffolkpct.nhs.uk](http://www.suffolkpct.nhs.uk) | Tel 01473 770137 | [rachel.gilles@suffolkpct.nhs.uk](mailto:rachel.gilles@suffolkpct.nhs.uk)

### CONFIDENTIALITY

This e-mail and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this e-mail in error please notify the originator, delete it, and do not disclose, copy or distribute information in this e-mail or take any action in reliance of its contents as to do so is strictly prohibited and may be unlawful. Any views expressed in this message are those of the individual sender, except where the sender specifies and with authority, states them to be the views of Suffolk Primary Care Trust.

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11/08/2008

Our ref: LB/LS  
Your ref:  
Please ask for: Mr L Barker  
Direct Dial: 01473 433112  
Email: les.barker@ipswich.gov.uk

Health & Safety Executive  
Wren House  
Hedgerows Business Park  
Colchester Road  
Springfield  
CHELMSFORD  
CM2 5PF

21<sup>st</sup> July 2008

Dear Sir/Madam

**THE POLLUTION PREVENTION AND CONTROL ACT 1999  
THE POLLUTION PREVENTION AND CONTROL (ENGLAND & WALES)  
REGULATIONS 2000, REGULATION 10  
TARMAC LTD, IPSWICH WORKS, CLIFF QUAY, IPSWICH**

Please find enclosed copies of duly made applications received by Ipswich Borough Council from Tarmac Ltd to operate a roadstone coating plant and a concrete batch plant.

I am sending this application to you to allow you to make any comments regarding the application in your capacity as statutory consultee. I would be grateful if you could forward any such comments within 28 days so that they can be taken into consideration when assessing the application.

If you have any queries or would like to discuss this matter please do not hesitate to contact me.

Yours faithfully

L J Barker  
(Acting) Senior Environmental Health Officer  
Environmental Protection Services

Enc

Our ref: LB/LS  
Your ref:  
Please ask for: Mr L Barker  
Direct Dial: 01473 433112  
Email: les.barker@ipswich.gov.uk

Ipswich Primary Care Trust  
2<sup>nd</sup> Floor  
St Clements Hospital  
Foxhall Road  
IPSWICH  
IP3 8LS

21<sup>st</sup> July 2008

Dear Sir/Madam

**THE POLLUTION PREVENTION AND CONTROL ACT 1999  
THE POLLUTION PREVENTION AND CONTROL (ENGLAND & WALES)  
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If you have any queries or would like to discuss this matter please do not hesitate to contact me.

Yours faithfully

L J Barker  
(Acting) Senior Environmental Health Officer  
Environmental Protection Services

Enc



Our ref: LB/LS  
Your ref:  
Please ask for: Mr L Barker  
Direct Dial: 01473 433112  
Email: les.barker@ipswich.gov.uk

Natural England  
Government Buildings  
100 Southgate Street  
BURY ST EDMUNDS  
IP33 2FE

21<sup>st</sup> July 2008

Dear Sir/Madam

**THE POLLUTION PREVENTION AND CONTROL ACT 1999  
THE POLLUTION PREVENTION AND CONTROL (ENGLAND & WALES)  
REGULATIONS 2000, REGULATION 10  
TARMAC LTD, IPSWICH WORKS, CLIFF QUAY, IPSWICH**

Please find enclosed a copy of a duly made application received by Ipswich Borough Council from Tarmac Ltd to operate a roadstone coating plant and a concrete batch plant.

I am sending this application to you to allow you to make any comments regarding the potential air pollution effects on any nearby SSSI's - (Bobbits Hole, Belstead and Orwell Estuary). I would be grateful if you could forward any such comments within 28 days so that they can be taken into consideration when assessing the application.

If you have any queries or would like to discuss this matter please do not hesitate to contact me.

Yours faithfully

L J Barker  
(Acting) Senior Environmental Health Officer  
Environmental Protection Services

Enc

Our ref: LB/LS  
Your ref:  
Please ask for: Mr L Barker  
Direct Dial: 01473 433112  
Email: les.barker@ipswich.gov.uk

Mr R D Hudson  
Principal Engineer  
12 Thorntree Close  
Ravenstone  
Leicestershire  
LE67 2JY

21<sup>st</sup> July 2008

Dear Mr Hudson

**THE POLLUTION PREVENTION & CONTROL ACT 1999  
THE POLLUTION PREVENTION AND CONTROL (ENGLAND & WALES)  
REGULATIONS 2000  
TARMAC LTD, IPSWICH WORKS, CLIFF QUAY, IPSWICH**

I write to inform you that the applications that you submitted for permits for the roadstone coating plant and concrete batch plant are currently being assessed. Part of this process involves a statutory public consultation period, which requires the applicant to advertise the application in one or more newspapers circulating in the locality of the installation. If you have already fulfilled this requirement, please forward a copy of the advert to me. Otherwise, please submit an advert as soon as possible, and forward a copy of this to me. The advertisement must include the following:

- Applicant's details
- Address of the installation
- Activities carried out
- A statement that the application contains a description of any foreseeable significant effects of emission
- Details of where public can view application and it is free
- The procedure and timescales for making representations

Below is an example advertisement:

“The company known as Farmers Foundry, Market Place, Farmersville, Any County, AB12 3DD, has applied to any County Council for a permit to operate an installation for the production of pig iron including continuous casting, with a production capacity of more than 2.5 tonnes per hour at the address above.

The application contains a description of any foreseeable significant effects of emissions from the installation on the environment. The application has been placed on the public register held at: Any County, Council Offices, Town Lane, Farmerville, Any County and can be inspected free of charge during normal office hours. Any written comments on the application should be made to the Any County Council address within 28 days of the date of this advertisement. Any written comments will be placed on the public register unless they include a statement requesting that this is not done. If there is such a request the register itself will just include a note that representations have been made which are not on the register because of such a request.

Date: . “

*“Secretary of State’s Guidance, General Guidance Manual on Policy and Procedures for A2 and B installations”*

I will be able to determine the application once the statutory public consultation period is finished.

If you have any queries please do not hesitate to contact me on the above number.

Yours sincerely

L J Barker  
(Acting) Senior Environmental Health Officer  
Environmental Protection Services

Adult Services

35th Anniversary 121 CHAT 0909 742 2093 0909 942 0459

CARA message. Colchester. 07899 65868 mobile Ipswich, 24-7, Call 07504 53252 mobile

COLCHESTER. Afro Caribbean, slim and pretty. In/out calls. 24/7. 07960 871498 mobile

COLCHESTER. Gina + friends. friendly, relaxed message. Thurs/Fri/Sat. Call 07799 572431 mobile

COLCHESTER. Oriental Flower message. House with car park. Call 07932 568221

DESIRE exotic therapies. Luxury and private 7 days 01473 250585

Double Delight For a real luxury massage Call Tony and Trudy 07790 760266 mobile

ELISA and Vicky. Massage Ipswich, 24-7, Call 07990 52108 mobile

EXPERIENCED mature message. In/out calls. Noyland. 07979 556667

Ipswich Call for more details 07964 895047

Japanese Beauty Friendly no rush Remedial therapies Parking 7 days Mobile 07900 978826 Town Centre

JENNA. Caribbean lady. Massage. In/out calls. Ipswich. 24/7. Tel: 07504 793276

KATIE'S Visiting Massage for the discerning gent. Ask for website details. Tel: 07804 292887 mobile

KAY 10-5. Appointments only. No withheld numbers. Telephone 07527 958661 mobile

CLEOPATRA'S INTERNATIONAL ADVERTISING TELEPHONES 5 STAR SERVICE We welcome trade and non-trade enquiries 10am - 11pm, 7 days 15 Ipswich Road, Colchester, Essex CO1 1JL. Tel: 01473 400260 Fax: 01473 400262 www.cleopatra-ad-ipswich.com

CLASSIFIED ADVERTISING WORKS To advertise in these pages contact CLASSIFIED CONNECTIONS Telephone: 01473 233233 Classified Connections making life easier!

Public Notices

SUFFOLK COUNTY COUNCIL ROAD TRAFFIC REGULATION ACT 1984: SECTION 14 TEMPORARY CLOSURE OF PART OF THE C715 CHAPEL ROAD, KERSEY AND LINDSEY NOTICE is hereby given that Suffolk County Council has made an order closing the C715 Chapel Road, Kersey and Kersey between the C720 Rose Green and the C723 The Street, Kersey. This closure is required to enable Suffolk County Council to carry out carriageway repairs. Provision will be made for the passage at all times of pedestrians and cyclists. The alternative route for vehicles will be via the C720 Lindsey Tye - A114 - C723 Mill Lane, Kersey and vice versa. It is intended that the closure will be in operation from 11 August to 7 September 2008. However, if necessary the order may remain in force for 18 months (or longer if extended by the Secretary of State). Any enquiries regarding these measures should be made to Mr D Stiles, Environment & Transport Department, West Area Highways, Shire Hall, B Edmunds, Suffolk IP33 1RX. Tel: (01284) 35244. Date: 7 August 2008 ALAN GILLESPIE, Head of Legal Services Suffolk County Council, Endeavour House, 8 Russell Road, Ipswich IP1 2BX

Public Notices

EXTRAORDINARY RESOLUTION (Pursuant to Section 378(1) of the Companies Act 1985 and Sections 84 and 100 of the Insolvency Act 1986) of UPB LIMITED Company Limited by Shares Company No: 04018340 Passed: 23/07/2008. At an Extraordinary General Meeting of the members of the above named Company, duly convened and held at 16a Falcon Street Ipswich and IP1 on 23/07/2008, the following Extraordinary Resolution was duly passed: "That it has been proved to the satisfaction of this meeting that the Company cannot, by reason of its liabilities, continue its business and that it is advisable to wind up the same, and accordingly that the Company be wound up and that Mr Ian Torrie, Robert Howard and Robert Geoffrey Rose, both of Larking Gowen, King Street House 15 Upper King Street Norwich NF3 1RB, be and are hereby appointed Joint Liquidators of the Company for the purpose of its voluntary winding up and are to act either jointly or severally." IAN TORRIE, Director & Chairman

POLLUTIONS PREVENTION & CONTROL (ENGLAND & WALES) REGULATIONS 2000 APPLICATION FOR LAPP PERMIT Tarmac Limited, has applied for a permit from Ipswich Borough Council to operate an installation for the batching of Ready-mix Concrete, at their Ipswich Works, The Dock, Cliff Road, Cliff Quay, Ipswich, Suffolk.

The application contains a description of any foreseeable significant effects of emissions from the installation on the environment. A copy of the application is available for public inspection free of charge during normal working hours at the Environmental Protection Services Dept, 4th floor, Grafton House, 15-17 Russell Road, Ipswich, Suffolk IP1 2DE. Written comments about the application may be sent to the Environmental Protection Services Dept Council at this address within 28 days of the date of this advertisement. All written comments will be placed on the public register unless a request is made that this is not done. If there is such a request the register itself will just include a note that comments have been made which are not on the register because of such a request.

SPORT

Fight for places in finals goes on unabated

Tennis

THE fight for places in the finals of the Suffolk Championships continued yesterday at the Framlingham Lawn Tennis Tournament and Suffolk Championships.

Tuesday's inclement weather saw tournament referee, Gordon Blake take the decision to cut all matches to a championship tie-breaker decider as opposed to a third set. However, it failed to dampen the intensity in the Suffolk Men's Singles semi-finals.

Oliver Sutton eventually fought his way past Matt Hough with a championship tie-breaker the only thing separating the duo as Sutton progressed 5-7, 6-3 (10-8).

Defending Suffolk Men's singles champion Jeremy Cowley booked his place in the final against Sutton after a thoroughly professional performance to overcome Dominic Henry 6-4, 6-1.

Kari Sherington's good week continued in her Suffolk Ladies' singles semi-final against Julia Hassell. Sherington once again proved too consistent for her opponent as she wrapped up a 6-2, 6-3 victory where she will face top seed, Perri Danis, today's final.

YARMOUTH: Good

High numbers best on the straight course, especially in lane fields. TOTE PLACED: 1-8 Aaker, 1-4 Halcum, 9-2 Leahurst, 6-1 Eagles Call, 16-1 Burma Rock, 25-1 Welcome Applause, 33-1 others.

- 2.20 E.B.F. MAIDEN STAKES (CLASS 5) £5,000 added 2YO only 6f 3yds Penalty Value £3,785 1-20 Aaker (IRE) (51) M Janis 9.3... R Hills 6 2-20 Burma Rock (IRE) (L) Curran 9.3... P Cosgrave 9 3-3 Eagles Call (USA) (79) P Chappie-Hyam 9.3... J Fanning 4 4-Halcum (IRE) (26) (BF) S Bin Sinton 9.3... L Detton 3 5-Leahurst (IRE) J Nicosia 9.3... R L Moore 7 6-Bourne Box C Wall 8.12... Jack Mitchell (5) 2 7-Intikama (IRE) M Tompkins 8.12... Hayley Turner 6 8-Welcome Applause (IRE) (15) M G Quinlan 8.12 M O'Dwyer (3) 1 9-declared 2007: ERNIE OWL (USA) 2.9 J P Spencer 15-9 fav (B Meehan) drawn (10) B ran BETTING: 11-8 Aaker, 1-4 Halcum, 9-2 Leahurst, 6-1 Eagles Call, 16-1 Burma Rock, 25-1 Welcome Applause, 33-1 others.

- 2.50 BET365 BEST ODDS GUARANTEED ON EVERY RACE MAIDEN HANDICAP (CLASS 5) £3,200 added 3YO PLUS 6f 3yds Penalty Value £2,072 1-30026 Towey Boy (IRE) (14) A Wood 9.9.11... P Mathers 5 2-22004 Larynde (13) M Walters 9.9.8... J Polton 6 3-043 Hazvane Jo (19) B Wickham 9.9.8... N Dettori 1 4-5002 Ai Gillian (IRE) (22) J Boyle 9.9.5... P Cosgrave 9 5-3-0000 Creative (IRE) (26) M Tompkins 9.9.4... J Quinn 6 6-00-004 Inwan (IRE) (41) P R Webber 9.9.4... R Hills 2 7-4-3235 Peas In A Pod (42) (BF) J Fanshawe 9.9.2... Jack Mitchell (5) 10 8-4-054 Hurricane Harriet (21) R Cowal 9.9.1... O Urbina 11 9-000 Dalia Finestra (41) C Wall 9.9.0... Hayley Turner 15 10-056063 Shatter Resistant (IRE) (8) M D Sweeney 9.8.12... J Fanning 12 11-20000 Cow Bih (IRE) (13) Miss G Yelleyway 4.8.11... M O'Dwyer (3) 14 12-00-6 Herandee (59) J B O'Shea 4.6.11... A Nicholls 4 13-36-500 Auding Harmony (IRE) (15) J G Best 3.8.10... M Halcum (3) 3 14-866-35 O'Casey (IRE) (169) J G O'Shea 3.8.8... A Elliott 7 15-000206 Ma Mirrage (IRE) (16) S C Williams 3.8.7... N Mackay 13 15-declared 2007: GLEAMING SPIRIT (IRE) 3.9.11 J P Spencer 3-1 fav (A Jarvis) drawn (7) 17 rail BETTING: 11-4 Larynde, 9-2 Peas In A Pod, 6-1 Ai Gillian, 6-1 Hurricane Harriet, 10-1 Harryana 10, Inwan, 14-1 Towey Boy, 16-1 others.

- 3.20 GREAT YARMOUTH MERCURY SELLING STAKES (CLASS 6) £3,000 added 3YO only 1m 3yds Penalty Value £1,943 1-0-5000 Cobbold Park (29) S Hall 9.3... Steven Corrygan (7) 1 2-06 Menasidi (28) Mrs L Stubbs 9.3... Kristin Stubbs (7) 4 3-0-5602 Never Sold Out (IRE) (36) J G O'Shea 9.3... A Elliott 2 4-46045 Rousseau (33) M Quinn 9.3... P Cosgrave 3 5-63650 Cherished Song (15) M G Quinlan 8.12... M O'Dwyer (3) 6 6-43300 Last Angel (IRE) (16) M Wigham 8.12... J Quinn 8 7-060500 Miss Tien (8) V Smith 8.12... Charles Edley (7) 5 8-6-003 Durr Dolly (7) G Moss 8.12... J Fanning 7 8-declared 2007: No corresponding race BETTING: 7-4 Redfessor, 3-1 Never Sold Out, 7-2 Our Dolly, 8-1 Miss Tien, 12-1 Cherished Song, 14-1 Last Angel, 25-1 Mensadi, 50-1 Cobbold Park.

- 3.50 PARKLANDS LEISURE HOLIDAY CARAVANS FIELDS HANDICAP (CLASS 5) £4,000 added 3YO only 1m 3yds Penalty Value £2,590 1-0-021 Certain Promise (USA) (6) (D) Sir M Stave 9.9 (Geo) R L Moore 2 2-10-003 Suzi Spends (IRE) (23) (D) H Collingridge 9.7 Jack Mitchell (5) 8 3-003210 Loveandacure (15) M Bell 9.7... Hayley Turner 4 4-10 Nice Main (USA) (22) (D) J Toller 9.7... D Urbina 5 5-513204 Boudesher Babe (IRE) (79) (D) M Quinn 9.4... A Nicholls 1 6-51-600 Brave Meave (12) W Jarvis 9.4... J Fanning 6 7-060 Sleeping (7) M Tompkins 8.11... J Quinn 7 8-60-605 Stryena (2) B Case 8.3... M Mackay 3 8-declared 2007: DANCING JEST (IRE) 3.8.6 N Mackay 25-1 (R Guest) drawn (7) 8 ran BETTING: 10-11 Certain Promise, 4-1 Suzi Spends, 8-1 Lovellandacure, 10-1