

Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



ENVIRONMENT
AGENCY



REGISTER

Part A

To: TARMAC LIMITED
MILLFIELDS ROAD
ETTINGSHALL
WOLVERHAMPTON
WV4 6JP

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent 043200

Nature of Discharge(s); SITE DRAINAGE: vehicle wheel wash water & fuel store
at SWANWORTH QUARRY, WORTH MATRAVERS, SWANAGE, DORSET

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. **Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor.** To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B Please complete in block capitals or type.

To: Environment Agency, Rivers House, Sunrise Business Park,
Higher Shaftesbury Road, Blandford Forum, Dorset DT11 8ST

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent: 043200 Name: TARMAC LIMITED
Address: MILLFIELDS ROAD
ETTINGSHALL
WOLVERHAMPTON
WV4 6JP
Transferrer's forwarding address:

SWANWORTH QUARRY, WORTH MATRAVERS, SWANAGE, DORSET
I/We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to: * delete as appropriate

Name(s) of new holder(s):

Address:

Post Code:

Date of Transfer to new Holder(s);

Signed:

Dated:

Name (block capitals):

Position:



REGISTER

NATIONAL RIVERS AUTHORITY
SOUTH WESTERN REGION

WATER RESOURCES ACT 1991
SECTION 88 AND SCHEDULE 10

NOTICE OF CONSENT TO DISCHARGE
Consent Number 043200

The terms of this consent will not, without the consent in writing of the person (named below) to whom this consent is given (or his successor), be altered before the expiration of the period ending two years after the date on which the consent takes effect.

If you are not satisfied with the terms of this consent you may appeal to the Secretary of State for the Environment (Planning Inspectorate); any such appeal has to be made within three months of the issue of the consent.

SIGNED FOR AND ON BEHALF OF THE AUTHORITY

Date

21st Feb

Area Manager

JT Dardon

Name and Location of Site

SWANWORTH QUARRY
WORTH MATRAVERS
SWANAGE, DORSET

Name and address of person
to whom this consent is given

TARMAC QUARRY PRODUCTS LTD
MILLFIELDS ROAD
ETTINGSHALL
WOLVERHAMPTON, WV4 6JP

This consent document contains 7 pages. The conditions specified in the consent shall apply on and after the date of issue.

National Rivers Authority
South Western Region
Rivers House, Sunrise Business Park
Higher Shaftesbury Road
BLANDFORD FORUM
Dorset DT11 8ST

Consent Number: 043200

Name of Site: SWANWORTH QUARRY
WORTH MATRAVERS
SWANAGE, DORSET

Name of person or body responsible for the operation of the site: TARMAC QUARRY PRODUCTS

Type of discharge: VEHICLE WHEEL WASH WATER AND FUEL STORE SITE DRAINAGE

Type of receiving environment: SOAKAWAY

Sub-catchment: WEYMOUTH BAY (44/03)

National Grid Reference of site main entrance: SY 9730 7862

The outlet and sampling point at this site to which the consent relates are listed below and are marked on the attached map/plan using the same reference code or number.

Outlet		Sampling Point	
Code	NGR	Number	NGR
A	SY 9678 7824	1	SY 9678 7824

CONSENT CONDITIONS

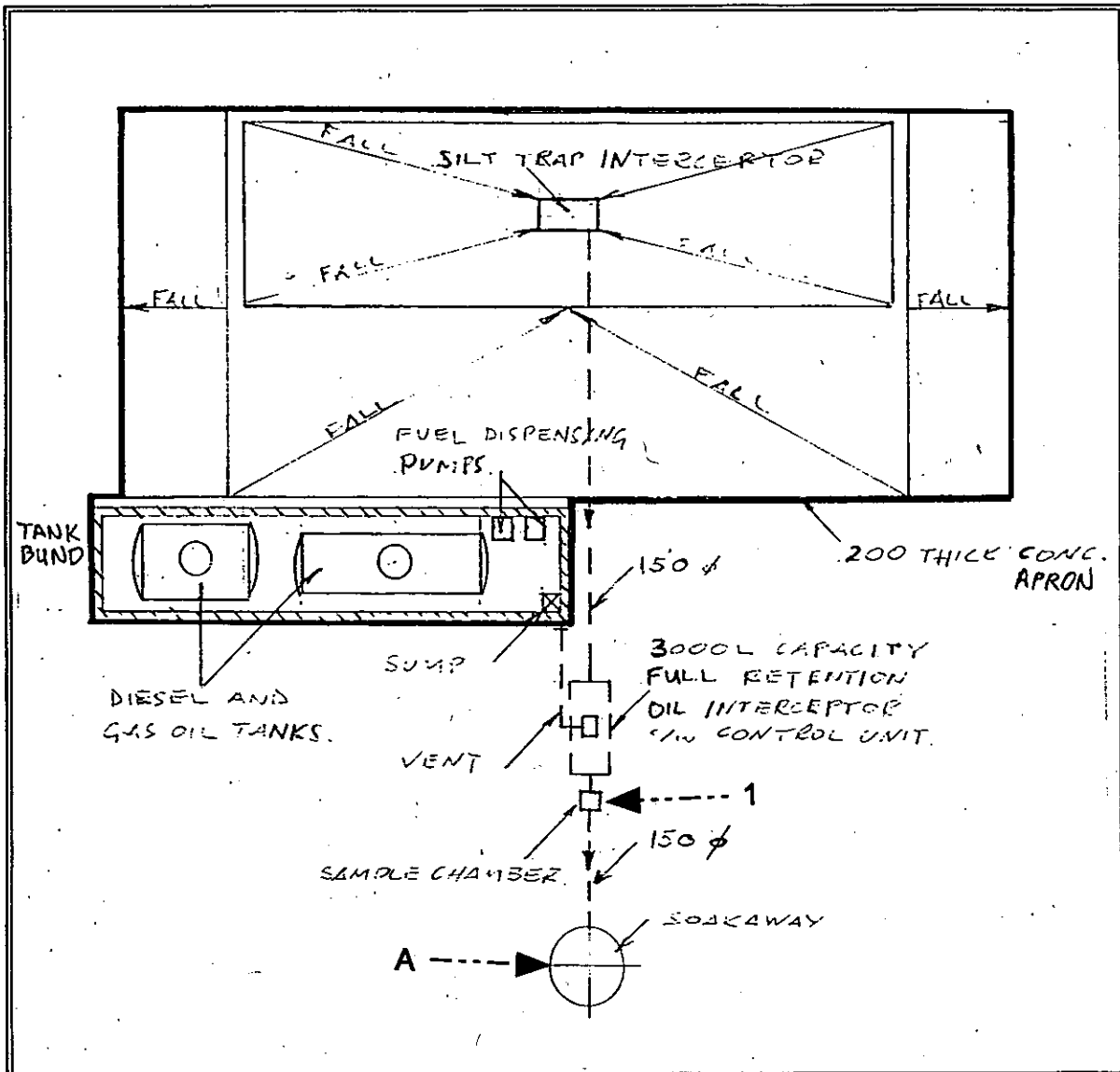
- 1.(i) The discharge shall not contain any poisonous, noxious, or polluting matter or solid waste matter.
- (ii) Provided that the discharge hereby consented is made in accordance with the following conditions of this consent, such discharge shall not be taken to be in breach of condition 1.(i) above by reason of containing substances or having properties identified in and controlled by those conditions.
2. Outlet A shall be used only for the discharge of vehicle wheel wash water and fuel store site drainage derived from the catchment area outlined in bold on the attached plan.
3. Samples of the discharge will be obtained at the sampling point, labelled 1 on the attached plan.
4. The sampling point shall be maintained in a satisfactory and safe condition and shall be accessible at all times to the Authority's officers for the purpose of taking samples and ensuring satisfactory operation.

CONSENT CONDITIONS CONTINUED

5. The discharge shall be passed through a three chamber oil interceptor with the largest chamber sized to give 6 minutes retention to the run-off resulting from a 50mm/hour storm. By-pass units shall not be fitted.
6. The interceptor and silt trap shall be maintained to ensure efficient operation including the removal of accumulated oil and sediment.
7. The discharger shall keep a record of maintenance and repairs which shall be available for inspection by the Authority's representatives.
8. The discharge shall not contain oils or grease in sufficient quantity to produce a visible film on the surface of the water in the sampling chamber.
9. The soakaway shall be adequately sized and constructed in accordance with *Building Research Establishment Digest 365:1991*.
10. As far as is reasonably practicable, the works shall be operated so as to prevent the treated effluent from having any other adverse environmental impact.

NATIONAL RIVERS AUTHORITY
SOUTH WESTERN REGION

Consent Number: 043200



Date: FEBRUARY 1996

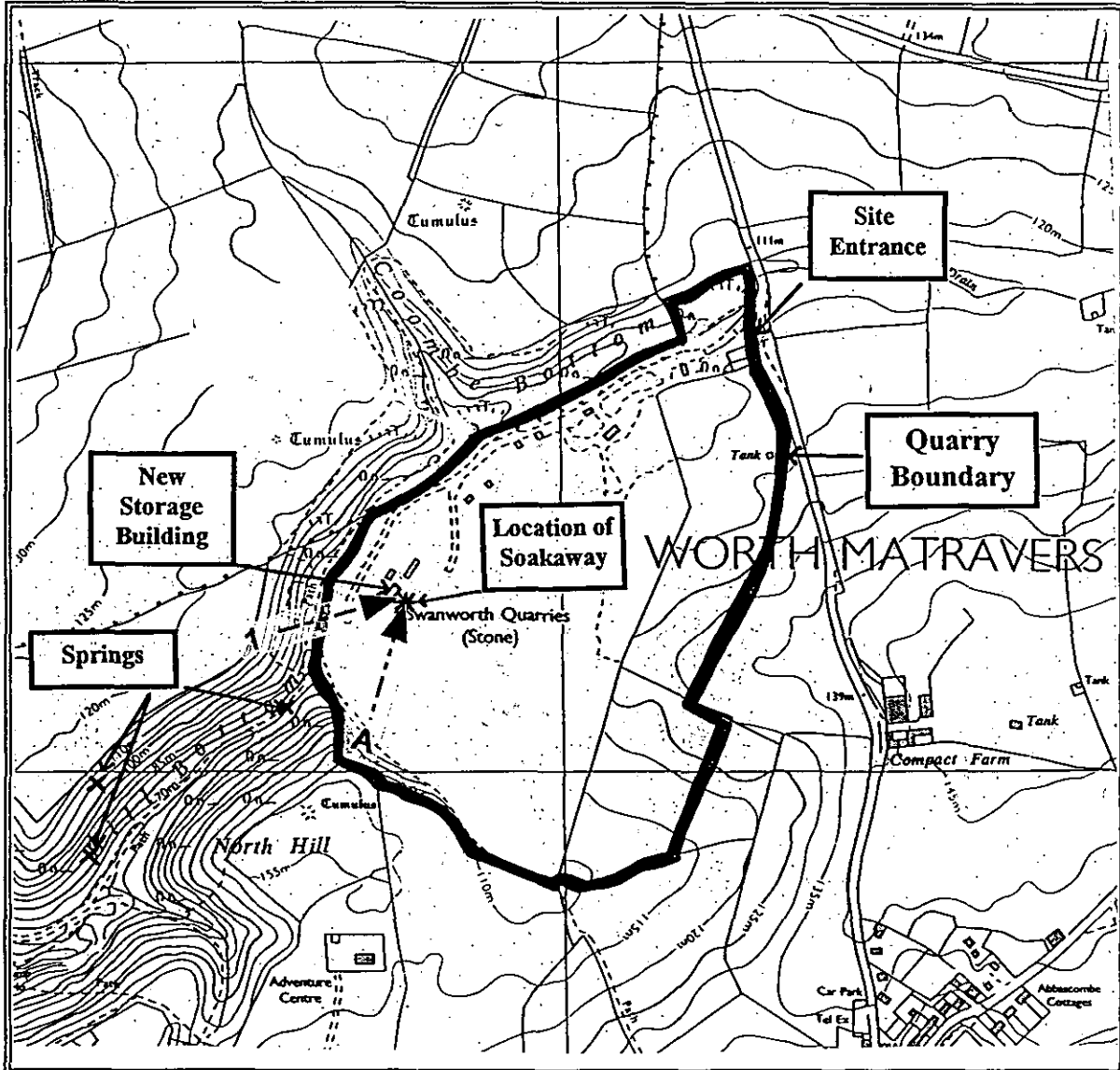
Outlet:
A/ SY 9678 7824

1/ SY 9678 7824

SWANWORTH QUARRY
WORTH MATRAVERS
SWANAGE
DORSET

NATIONAL RIVERS AUTHORITY
SOUTH WESTERN REGION

Consent Number: 043200



Date: FEBRUARY 1996

Outlet:
A/ SY 9678 7824

1/ SY 9678 7824

SWANWORTH QUARRY
WORTH MATRAVERS
SWANAGE
DORSET

NATIONAL RIVERS AUTHORITY
SOUTH WESTERN REGION

Consent Number: 043200



Date: FEBRUARY 1996	SWANWORTH QUARRY WORTH MATRAVERS SWANAGE DORSET
Outlet: A/ SY 9678 7824	
1/ SY 9678 7824	

Consent Number: 043200

This consent includes a copy of an Ordnance Survey map showing the location of the land or premises and the outlet to which this consent relates, the receiving environment and other immediate surroundings.

This consent includes a copy of an outline plan showing the location of the outlet and the sampling point relative to the receiving stream, the entrance to the land and premises and the principal adjacent structures. The outlet and sampling point marked on the plan have the same designation as those used in the consent.

Any conditions imposed by this consent unless annulled or varied by the Secretary of State upon appeal under Section 91 of the Water Resources Act 1991 shall continue in force unless and until varied or revoked by the National Rivers Authority or by the Secretary of State under Section 91 of the said act: and any such conditions are binding on any person discharging effluent from the land or premises to which the conditions relate.

Failure to comply with the terms of this consent is an offence under Section 85 of the Water Resources Act 1991.

REGISTER

NATIONAL RIVERS AUTHORITY WATER RESOURCES ACT 1991

Application for consent to discharge - Schedule 10



To:
National Rivers Authority (SW Region)
Rivers House
Sunrise Business Park
Higher Shaftesbury Road
Blandford Forum
Dorset DT11 8ST

VED
25 OCT 1995
Discharge Consenting

Official Use Only Dist/Area Ref: AD27
Application No: 043200
Date Received:

PLEASE REFER TO THE ATTACHED NOTES WHEN COMPLETING THE APPLICATION

I/We hereby apply for consent under the provisions of the Water Resources Act 1991 to make a discharge of effluent as described in this application and on the attached plan(s). I/We will bear the costs of any advertisement (see note 1).

I/We enclose a cheque (please read note 2) for £ 609.82 to cover the cost of this application.

Signed *S Lamb* S C LAMB Date 24 OCTOBER 1995

Authorised on behalf of TARMAC-QUARRY PRODUCTS LIMITED

Have you made, or do you intend to make, an application to the Secretary of State for exemption from publicity? (see note 3). **XXYES/NO***

Has this application been made in response to the service of a relevant prohibition? **YES/NO***

If yes please give the number _____

Will this discharge be in operation immediately consent is issued? **XXYES/NO***

If NO please give expected commencement date ONCE WASHDOWN FACILITY CONSTRUCTED (DEC 1995)
(To prevent unnecessary charges, if the discharge will not be in operation from this date please inform the Authority in writing giving a further date).

NOTE: The application should be accompanied by an adequate plan and details of any environmental impact assessment. Failure to do so may result in a delay in processing the application (see note 5).

1a Full name and postal address of applicant (see note 4). Post code Daytime telephone number	TARMAC QUARRY PRODUCTS LIMITED MILLFIELDS ROAD ETTINGSHALL WOLVERHAMPTON WV4 6JP
1b Agent (if any) Full name and postal address Contact name and daytime telephone number	MR S C LAMB TARMAC ROADSTONE (SOUTHERN) LIMITED 2 OLD BATH ROAD NEWBURY BERKSHIRE RG14 1JJ (01635) 35755 Note: if this box is completed, all correspondence will be sent to this address.

REGISTER

<p>2a Address or other sufficient description of land or premises to which this application relates.</p>	<p>SWANWORTH QUARRY WORTH MATRAVERS SWANAGE DORSET</p>																
<p>2b National Grid Reference of point of discharge.</p>	<table style="margin: auto;"> <tr> <td style="border: 1px solid black; padding: 2px;">S</td> <td style="border: 1px solid black; padding: 2px;">Y</td> <td style="border: 1px solid black; padding: 2px;">9</td> <td style="border: 1px solid black; padding: 2px;">6</td> <td style="border: 1px solid black; padding: 2px;">8</td> <td style="border: 1px solid black; padding: 2px;">0</td> <td style="border: 1px solid black; padding: 2px;">7</td> <td style="border: 1px solid black; padding: 2px;">8</td> <td style="border: 1px solid black; padding: 2px;">3</td> <td style="border: 1px solid black; padding: 2px;">0</td> </tr> </table>	S	Y	9	6	8	0	7	8	3	0						
S	Y	9	6	8	0	7	8	3	0								
<p>2c District Council Area: Planning Reference number:</p>	<p>PURBECK N/A</p>																
<p>3 State the nature of the discharge. Tick one or more boxes as appropriate.</p>	<table style="width: 100%;"> <tr> <td>Sewage effluent</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td>Storm/emergency sewage effluent</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> <tr> <td>Trade effluent</td> <td style="text-align: right;"><input checked="" type="checkbox"/></td> </tr> <tr> <td>Any other matter</td> <td style="text-align: right;"><input type="checkbox"/></td> </tr> </table>	Sewage effluent	<input type="checkbox"/>	Storm/emergency sewage effluent	<input type="checkbox"/>	Trade effluent	<input checked="" type="checkbox"/>	Any other matter	<input type="checkbox"/>								
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Trade effluent	<input checked="" type="checkbox"/>																
Any other matter	<input type="checkbox"/>																
<p>4 For sewage and storm/emergency discharges, state:</p> <p>a Maximum quantity it is proposed to discharge in one day (note 7)</p> <p>b Highest rate at which it is proposed to operate the discharge.</p> <p>c Periods during which the discharge will take place.</p>	<p>N/A</p> <p style="text-align: right;">m³/day</p> <p style="text-align: right;">l/sec</p>																
<p>5 For rainfall dependent discharges, state the area to be drained. (Roof areas and other impervious areas should be separately identified).</p> <p style="text-align: right;">N/Asquare metres</p>																	
<p>6 Receiving medium</p> <p>Tick the category to which the proposed discharge(s) are to be made:</p> <table style="width: 100%;"> <tr> <td>Tidal river or stream</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Into land/Onto land</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Non-tidal river or stream</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Directly into groundwater</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Canal</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Into land and watercourse</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Lake, Loch or pond (not discharging to a river or stream)</td> <td style="text-align: center;"><input type="checkbox"/></td> <td>Coastal water (see note 8)</td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table> <p>State name of watercourse, if known: N/A</p>		Tidal river or stream	<input type="checkbox"/>	Into land/Onto land	<input type="checkbox"/>	Non-tidal river or stream	<input type="checkbox"/>	Directly into groundwater	<input type="checkbox"/>	Canal	<input type="checkbox"/>	Into land and watercourse	<input type="checkbox"/>	Lake, Loch or pond (not discharging to a river or stream)	<input type="checkbox"/>	Coastal water (see note 8)	<input type="checkbox"/>
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<p>7 The Authority will normally require adequate provision for the taking of samples of the discharge. Please indicate the means proposed (see note 9)</p> <p>At the outlet <input type="checkbox"/> At a manhole or <input checked="" type="checkbox"/> See plan <input checked="" type="checkbox"/> sampling chamber</p> <p>Other <input type="checkbox"/></p> <p>If other, please give further details:</p>	
<p>8 Indicate proposed means of discharge:</p> <p>1. Pipe <input type="checkbox"/> 2. Channel <input type="checkbox"/> 3. Borehole <input type="checkbox"/> 4. Soakaway <input checked="" type="checkbox"/> 5. Well <input type="checkbox"/> 6. Sub-irrigation system <input type="checkbox"/> 7. Culvert <input type="checkbox"/> 8. Soakaway & <input type="checkbox"/> 9. Other <input type="checkbox"/> sub-irrigation system</p> <p>If 9, please give further details:</p>	
<p>9 Give details as appropriate:</p> <p>a For pipes, channels, wells and boreholes state diameter in millimetres or dimension(s) in metres.</p> <p>b For sub-irrigation systems, soakaway pits, wells and borehole, state depth in metres and geological stratum, if known.</p> <p>c For boreholes, state details of lining: Type of lining Depth of lining Depth of perforated lining Depth of unperforated lining</p>	<p>a:</p> <p>b: 2.7 METRES PORTLAND LIMESTONE</p> <p>c: : metres : metres : metres : metres</p>
<p>10 Is there a foul sewer available to which the discharge could be made? Please complete Additional Information Form attached.</p>	<p>NO</p>
<p>11 Give brief details of:</p> <p>a Source of water supply (eg mains, well, borehole, etc.)</p> <p>b General purpose for which water is used (eg domestic, cooling, etc.)</p>	<p>a: MAINS</p> <p>b: VEHICLE WASHDOWN</p>

**NATIONAL RIVERS AUTHORITY
SOUTH WESTERN REGION
APPLICATION FOR CONSENT TO DISCHARGE**

**ADDITIONAL INFORMATION REQUIRED FOR DISCHARGE TO SOAKAWAYS
OR SUB-IRRIGATION SYSTEMS FROM SEPTIC TANKS AND SECONDARY
(BIOLOGICAL) TREATMENT SYSTEMS**

PLEASE COMPLETE IN ADDITION TO THE MAIN APPLICATION FORM

18

- | | | | |
|---|--|---------|-----|
| a | Is the total discharge volume of effluent 1 cubic metre per day or less (normally considered to be effluent arising from a single dwelling)? | YES/NO* | |
| b | Has/will the septic tank/treatment plant and soakaway been designed and constructed in accordance with British Standard 6297:1983? | YES/NO* | N/A |
| c | Have percolation tests been carried out in accordance with British Standard 6297:1983, and is the percolation value greater than 10 and less than 90 seconds?
Please ensure that the results are noted in section 19. | YES/NO* | |
| d | Were the percolation pits dry immediately after excavation? | YES/NO* | N/A |
| e | Had the water completely drained away on each test when the final measurement was taken? | YES/NO* | N/A |
| f | Is the soakaway trench greater than 10 metres in length? (see section 19) | YES/NO* | N/A |
| g | Is there at least 1 metre of soil or subsoil beneath the invert level of the soakaway? | YES/NO* | N/A |
| h | Have you carried out a full water interests survey within a 100 metre radius of the proposed discharge point? (note 5). | YES/NO* | |
| i | From your investigations is the soakaway at least 100 metres from any well, borehole or spring, 50 metres from any other foul soakaway and at least 30 metres from any watercourse?
Please provide details in section 20. | YES/NO* | |
| j | Will the septic tank/treatment plant be regularly desludged and maintained to ensure effective treatment? | YES/NO* | N/A |
| k | Will the soakaway area be maintained to ensure proper operation? | YES/NO* | |
| l | Will surface water be kept separate from treated effluent? | YES/NO* | |

If YES to all of the above then a soil description (as set out in section 21) is not required.
All other applications should be accompanied by this information.

*Delete as necessary

19 PERCOLATION TEST (see note 8)

For discharges from a single dwelling, 3 percolation tests are required. For discharges between 2 and 10 cubic metres per day a minimum of 6 holes should be tested. For discharges greater than 10 cubic metres per day you should contact the Authorisations Section for guidance prior to submission of the application.

Procedure:

1. Dig a hole to the level at which you wish to lay the soakaway drain (the 'invert level' which should be at least 500mm below the ground level). Within this hole, excavate a smaller hole 300mm square to a depth of at least 250mm.
2. Fill the small hole with water and allow to drain overnight.
3. On the following day again fill the small hole and measure the depth of water (in millimetres). Record the time for the water to completely drain away (this could be several hours) and convert this time to seconds.
4. Divide the time taken for all the water to disappear from the test hole (in seconds) by the depth of water in the hole at the start of the test (in millimetres). This will give you the percolation rate (Vp). Place this figure in box A below.
5. Repeat this procedure in 2 further holes spaced within the proposed soakaway area and record the average for all 3 holes in box B. (In the event of any of the measurements in a test being 50% or more below or above the average, make a further three tests to calculate a further average). Place the average of all the test results in box B.
6. Complete boxes C and D.

I confirm that the percolation tests have been carried out in accordance with BS 6297:1983 Section 15.3.2 including amendment 6150:1990 and I enclose *the relevant certificate/*the percolation figures as follows (*delete one).

A	Vp value = Time in seconds divided by Depth of Water in the test hole	Test Holes		
		1 Vp=	2 Vp=	3 Vp=
		4 Vp=	5 Vp=	6 Vp=
B		1,2,3 Vp Av=		4,5,6 Vp Av=
	Average of all tests = Vp.....(sec/mm)			
C	Area of soakaway trench required = Average time (Vp) x No. of persons x 0.25 = square metres			
D	Length of trench required = Area of trench divided by trench width = metres			
	Test performed by..... Date.....			

20 LOCAL SURVEY AND SITE PLANS (see note 5)

a What is the distance of the property from the public sewer? 700+ metres/UNKNOWN

b Can you connect to the local public sewer? YES/NO*

If NO please state reason: DISTANCE/COST

c From your local enquiries and enquiries into Environmental Health Records are there any private water supplies in the vicinity? YES/NO* NOTHING WITHIN 100 METRES

d From your investigations and survey of the site, what is the distance of the proposed soakaway to the nearest water interests:

- i stream/ditch/pond 200 metres
- ii spring 200 metres
- iii well UNKNOWN metres
- iv borehole 1000+ metres

NOTE: The location of any water interests within a radius of 100 metres from the proposed point of discharge *must* be identified on an Ordnance Survey map of 1:2500 scale or similar (see note 5).

21 SOIL CHARACTERISTICS (see note 6)

- What is the depth of soil or subsoil beneath the invert level of the soakaway before any bedrock is found?
- 0 - 1 m
 - 1 - 2 m
 - SEE ACCOMPANYING LETTER greater than 2 m

For discharges from more than 1 dwelling, or with a volume greater than 2 cubic metres per day a description of the soil type to a depth of 3 metres below the soakaway invert level must be enclosed. (For further guidance see note 6).

If any person, in furnishing any information or making any application under or for the purposes of any provision of the Act, makes any statement which he knows to be false in a material particular, he shall be guilty of an offence under Section 206 of the Act and liable:-

- a) on summary conviction to a fine not exceeding the statutory maximum;
- b) on conviction on indictment, to a fine.

I certify that the information given above is a true reflection of the searches and investigations I have undertaken to support this application.

Signed: S C LAMB S C LAMB Dated: 24 OCTOBER 1995

*Delete as necessary

NATIONAL RIVERS AUTHORITY

SOUTH WESSEX AREA

APPLICATIONS FOR CONSENT TO DISCHARGE

To assist you when submitting an application please check that the following items are included:

- a signed and completed application form
- b appropriate fee
- c two copies of a map showing site location and water interest areas
- d two copies of a plan showing:
 - 1 site with boundaries marked
 - 2 site entrance
 - 3 outlet(s) to watercourse or soakaway
 - 4 sampling point(s)
 - 5 position of the septic tank or treatment plant
 - 6 position and extent of soakaway (where applicable)
 - 7 interconnecting pipework or drainage plan
 - 8 area of catchment (for surface water/site drainage discharges, where applicable)
- e percolation test results (where applicable)

Failure to include all the required information may delay the determination of your application.

OFFICIAL USE ONLY		
Catchment	Name	Number
SPZ	Source	Zone
NGR	Discharge	Site Entrance
	S	S
Licensed Abstractions		
Conservation interests satisfied?	YES/NO	
Issue?	YES/NO	

Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

Part A

To: TARMAC HEAVY BUILDING MATERIALS UK LIMITED
MILLFIELDS ROAD
ETTINGSHALL
WOLVERHAMPTON
WV4 6JP

REGISTER

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent 043200

Nature of Discharge(s); VEHICLE WASH WATER & FUEL STORE SITE DRAINAGE
at SWANWORTH QUARRY, WORTH MATRAVERS, SWANAGE, DORSET

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor. To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B Please complete in block capitals or type.

To: Environment Agency, Rivers House, Sunrise Business Park,
Higher Shaftesbury Road, Blandford Forum, Dorset DT11 8ST

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent: 043200 Name: TARMAC HEAVY BUILDING MAT UK LTD
Address: MILLFIELDS ROAD
ETTINGSHALL
WOLVERHAMPTON
WV4 6JP
SWANWORTH QUARRY, WORTH MATRAVERS, SWANAGE, DORSET
Transferrer's forwarding address:
I/We hereby serve notice on the Agency that I/we am/are no longer a/the Holder of the above consent which will be/was transferred to. *delete as appropriate

Name(s) of new holder(s):
Address:
Post Code:
Date of Transfer to new Holder(s):
Signed: Dated:
Name (block capitals): Position:

