

creating a better place



Anna McInnes,
Roke Manor Research Ltd,
Roke Manor,
Romsey,
SO51 0ZN

Our ref: P.6660/L/H/97 VAR
Your ref:

Date: 17th November 2006

Dear Ms McInnes,

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995)
MODIFICATION OF DISCHARGE CONSENT: P.6660/L/H/97 VAR
LAND AT: Roke Manor Research Ltd, Roke Manor, Romsey**

Thank you for your letter of the 28th September 2006 regarding the consent for the above site. As a result I enclose a modified consent document which reflects the current situation at the site. Your attention is drawn to the conditions attached to the consent which should be complied with at all times, failing which, the consent holder will be liable to prosecution, either by the Agency or by any member of the public.

The conditions will remain in force until varied or revoked by the Agency or the Secretary of State for the Environment and they are binding on the consent holder, discharging effluent from the land or premises or, as the case may be, using the outlet to which they relate. Consent given under Section 88 and Schedule 10 of the Water Resources Act 1991 does not release the applicant from compliance with any other statutory or other requirement. The consent is an important legal document and should be kept in a safe place.

If you are dissatisfied with the terms of any condition or period specified in the consent you may appeal against the Agency's decision by giving notice in writing to the Secretary of State under Section 91 of Water Resources Act 1991, at the following address :-

Secretary of State DEFRA, Environment Appeals Administration, The Planning Inspectorate
Room 4/12, Eagle Wing, Temple Quay House, 2 The Square, Temple Quay. Bristol. BS1 6PN

Notice with a statement of the grounds of appeal should, however, be given within three months of the date of this letter and a copy sent to this Agency.

I would point out that under Schedule 23, para 21 (2) (b) (ii) of the Environment Act 1995 if you transfer the responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. Please note that a form for this purpose is attached to the Certificate of Holder, which should be kept with the Consent document for future reference.

Finally, I trust the above is self-explanatory, however please do not hesitate to contact Clare Postlethwaite on the telephone number given below if any further information or assistance is required.

Yours sincerely,

DAWN THEAKER
Team Leader – Environment Management (Test Area)



Consent to Discharge

Water Resources Act 1991
Section 88, Schedule 10
(as amended by the
Environment Act 1995)



**ENVIRONMENT
AGENCY**

Modification of Consent to Discharge

Consent Number: P.6660/L/H/97 VAR

To: Roke Manor Research Ltd ("the Consent Holder")
Roke Manor
Romsey
Hampshire
SO51 0ZN

WHEREAS the Environment Agency in pursuance of its powers under the 1991 Water Resources Act **GRANTED CONSENT** to Roke Manor Research Ltd for the making of a new discharge of treated sewage effluent on the 21st day of March 1997 and subsequently varied on the 31st day of August 1999.

From: Roke Manor Research Ltd

The Agency in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) hereby GIVES NOTICE that CONSENT No P.6660/L/H/97 VAR is hereby modified as follows:

Effluent Type ("the Discharge")

From: The sewage treatment plant serving Roke Manor

At: Romsey, Hampshire, SO51 0ZN

To: A drain leading to the Greenhill Leat via a reed bed

The conditions of Consent No P.6660/L/H/97 VAR are hereby modified by the conditions set out in the schedule attached to this notice.

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991 (as amended by the Environment Act 1995), no notice shall be served by the Agency which alters the effects of modifications made by this notice, without the agreement of the Consent Holder, during a period of 4 years from the date this notice is issued.

This Consent modification is issued on: 17th November 2006

This Consent modification takes effect on: 17th November 2006

Signed

A handwritten signature in black ink, appearing to read 'Dawn Theaker', enclosed in a rectangular box.

DAWN THEAKER - Team Leader Environment Management (TEST)

Conditions to be modified

Condition 1 is hereby modified and renumbered as Condition 1a.

1a. Place of Discharge

The Discharge shall be made in the manner and at the place specified as:

- i) discharging to existing discharge point via a reed bed system;
- ii) discharging to a drain leading to the Greenhill Leat;
- iii) at National Grid Reference SU 3385 2202;
- iv) shown marked "DISCHARGE POINT" on Site Plan attached to this consent.

Condition 5 is hereby modified and renumbered as Condition 5a.

5a. Sampling Point Requirements

A sample point shall be provided and maintained at National Grid Reference SU 33867 22226 as shown marked "A" on the Site Layout Plan attached to this consent, so that a representative sample of the Discharge may be obtained. The Consent Holder shall ensure that all constituents of the Discharge pass through the said sampling point at all times and in any legal proceedings it shall, for the purposes of Section 10 of the Rivers (Prevention of Pollution) Act 1961, be presumed, until the contrary is shown that any sample of the Discharge taken at the said sampling point is a sample of what was discharging into controlled waters.

Conditions to be added

Condition 6 is hereby added.

6. Maintenance

The effluent treatment system and reed bed shall be operated and maintained in accordance with good operational practice such that:

- a) it remains fully operational except at times of unavoidable mechanical or electrical breakdown which shall be attended to, and the Agency informed of the failure, as soon as practicable after the failure;
- b) following a failure all equipment shall be returned to normal operation as soon as practicable;
- c) tanks shall be desludged at sufficient frequency and in such a manner to prevent excessive carryover of suspended solids.
- d) The reed bed shall be constructed and sized in accordance with the details submitted with the application.
- e) The reed bed shall be adequately maintained including weed control as necessary.

Site Plans

Site Plan – see attached reference 'P.6660/H/97 VAR SITE PLAN'
Site Layout Plan – see attached reference 'P.6660/H/97 VAR SITE LAYOUT'

NOTE

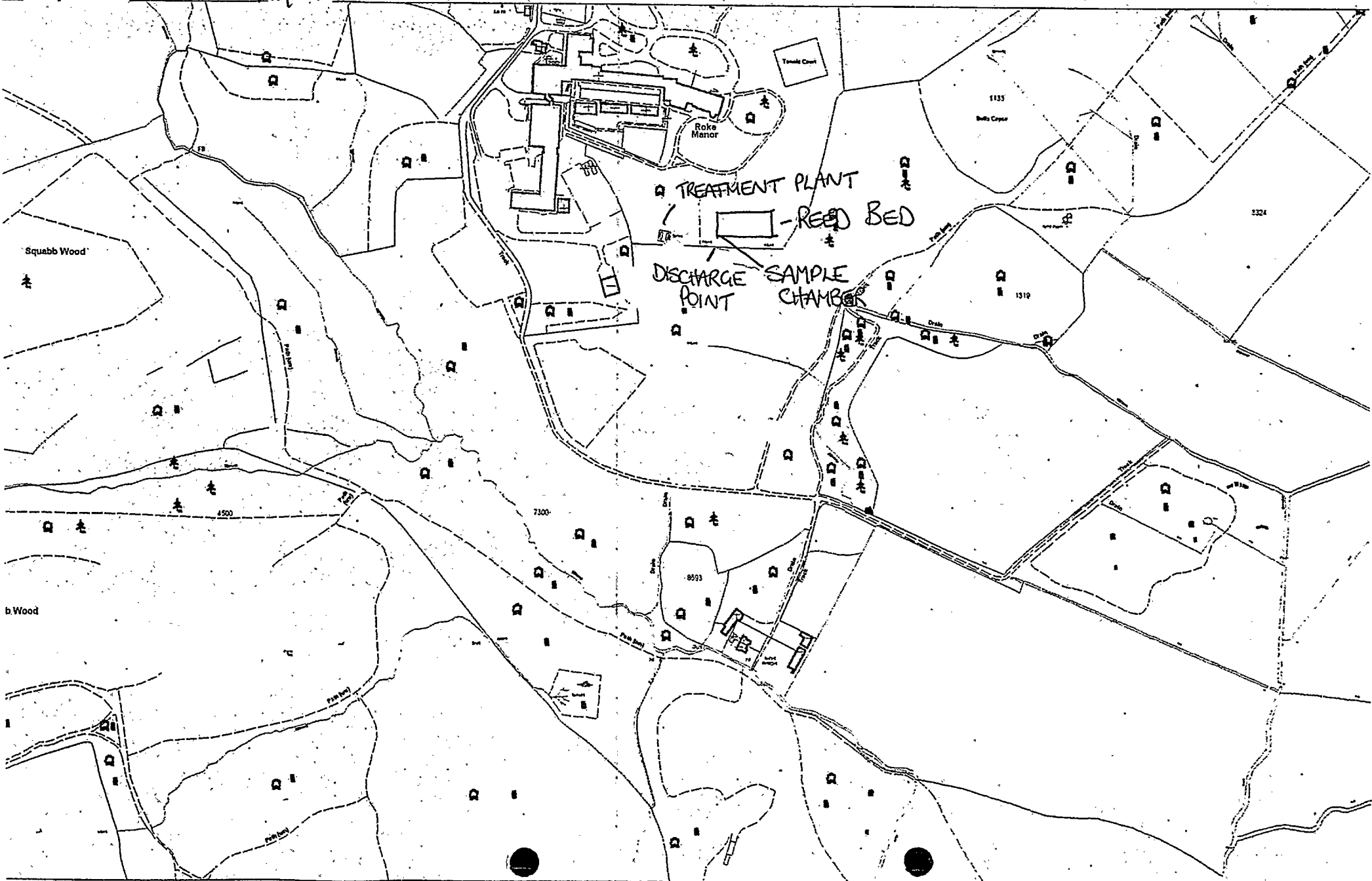
Consent P.6660/L/H/97 VAR is updated accordingly.
Consent History (for information only)

Date	Outcome
Issued 21/03/1997	Application determined
Varied 31/08/1999	Consent Modified
Modified 04/10/2006	Effective

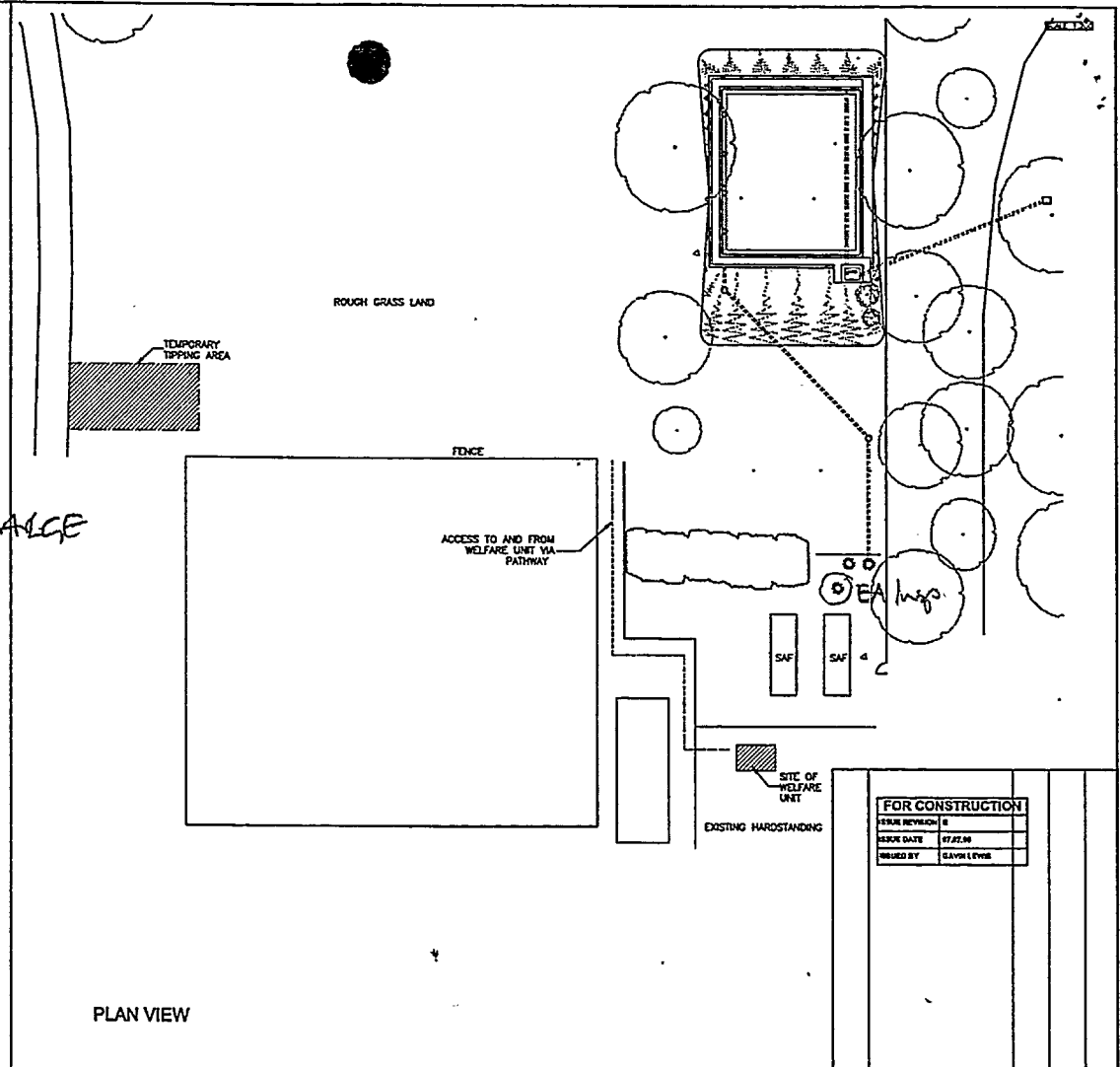
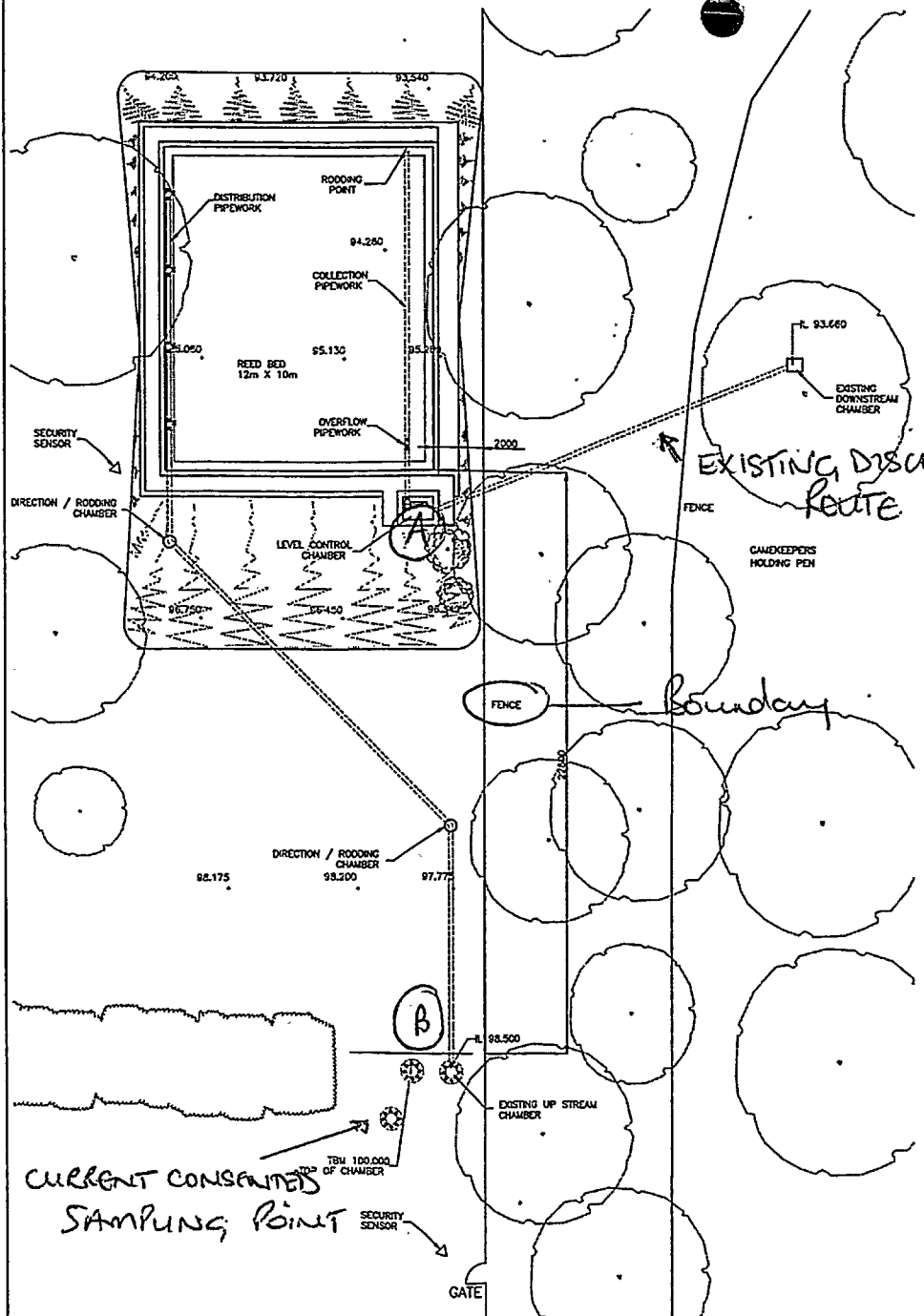
This Consent modification must be attached to the front of the previously issued consent documentation.

\\SOCOL_GO1\DATA\GROUPS\AUTHORISATIONS (H&IOW)\AUTHORISATIONS\Private Consents\01_p0001-7999\IP6000-7000\IP6660VAR\IP6660VAR Modify.doc

P.6600/H/97 VAR SITE PLAN



P.666/H/97 SITE LAYOUT



PLAN VIEW

ENLARGED PLAN VIEW

FOR CONSTRUCTION			
ISSUE	DESCRIPTION	SC.	DATE (DDYY)
1	ISSUE REVISION 1		
2	ISSUE DATE		07.27.06
3	ISSUED BY		SAVIN EYER
CLIENT : ROKE MANOR RESEARCH CENTRE			
PROJECT : ROKE MANOR			
TITLE : GENERAL LAYOUT			
DRAWN	SCALE	DATE	ISSUED BY
SCALE	1:100, 300 (W/A1)	DATE	22.04.06
DO NOT SCALE		A1	
CLIENT: COLTON ROAD, HANLEY, STAFFS, TR10 9DF. TEL: 01827 843611 FAX: 01827 843600 EMAIL: info@arman.co.uk WWW: www.arman.co.uk			
DRAWING NUMBER			ISSUE
RBS 2485/1			B

C/64

CONSENT NO. P. 6660/L/H/97

ENVIRONMENT AGENCY
WATER RESOURCES ACT 1991
SECTION 88 - SCHEDULE 10

NOTICE OF VARIATION OF CONSENT TO DISCHARGE

TO: Roke Manor Research Limited
Roke Manor
Romsey
Hampshire
SO51 0ZN

WHEREAS the Environment Agency in pursuance of its powers under the Water Resources Act 1991 **GRANTED CONSENT** to the making of a discharge of treated sewage effluent on the 21st day of March 1997.

FROM Roke Manor Research Limited, Roke Manor, Romsey, Hampshire.

NOTICE IS GIVEN that conditions specified in the **SCHEDULE** of the above consent are hereby varied to read as follows:

1. The outlet shall be located at National Grid Reference SU 3385 2202.
2. The discharge to controlled waters shall consist only of treated sewage effluent.
3. The effluent discharged to controlled waters shall at the specified sampling point comply with the following standard:-
 - a) Biochemical Oxygen Demand (Allylthiourea) 5 Day at 20 degrees centigrade not to exceed 20 mg/l.
 - b) Suspended solids dried at 105 degrees centigrade not to exceed 30 mg/l.
 - c) Ammoniacal nitrogen (expressed as N.) not to exceed 15 mg/l.
4. The volume of effluent discharged under dry weather conditions shall not exceed 33 cubic metres in any period of 24 hours.
5. Facilities for the taking of samples by the Agency's officers shall be provided and maintained at the sampling point, National Grid Reference SU 3385 2222.

Subject to the provision of Paragraphs 6 and 7 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, which alters the variations made by this notice, without the agreement in writing of the discharger, during a period of 4 years from the date this notice is served.

Dated this 31st day of August 1999



Signed

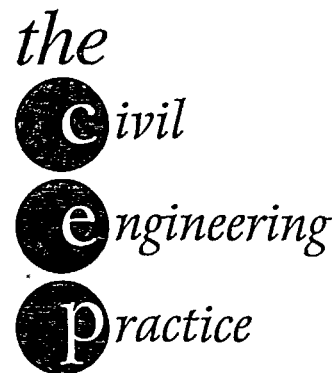
AREA ENVIRONMENT PLANNING MANAGER
Environment Agency
Colvedene Court
Wessex Way
Colden Common
Winchester
Hants
SO21 1WP

NOTE

All other conditions of the consent remain in force. The Schedule forming part of consent no. P. 6660/L/H/97 is updated accordingly.

RS/DF/20762

29 JUL 1999



29 July 1999

Nigel Thomas Esq
Environment Agency
Colvedene Court
Wessex Way
Colden Common
Winchester
Hampshire
SO21 1WP

QUAYSIDE HOUSE
BASIN ROAD SOUTH
PORTSLADE
SUSSEX
BN41 1WF

TELEPHONE
01273 424424
FACSIMILE
01273 424425
EMAIL:
design@civil.co.uk

Dear Nigel

**Roke Manor Research, Romsey
Application for Variation to an Existing Consent to Discharge**

Further to our conversation, I would like to confirm that the existing sewage treatment plants on the above site are to be removed. Two 150P Entec sewage treatment plants are to be installed in their place.

Please find enclosed information on the plant to be installed.

If you require any further information, please do not hesitate to contact the undersigned.

Yours sincerely

Rachel Stephenson

Enclosure

GERALD E WALLER
C.ENG MICE MCIWEM

SIMON R BOOTS
I.ENG AMICE AMIHT

MARK A HOBBS
B.ENG(MORS) C.ENG MICE MIHT

CONSULTANTS

CHRISTOPHER M BOSKER
B.SC(ENG) C.ENG FRGS MICE

JOHN E BEWICK
B.SC M.SC C.ENG MICE

MALCOLM D MCKEMEY
B.SC C.ENG MICE MIEAUST MCIWEM MIES

FACSIMILE TRANSMISSION

Date Page

Project

Project No

To

Facsimile No

Attention of

the
 *Civil*
 *Engineering*
 *Practice*

QUAYSIDE HOUSE
 BASIN ROAD SOUTH
 PORTSLADE
 SUSSEX
 BN41 1WF

TELEPHONE
 01273 424424

FACSIMILE
 01273 424425

EMAIL
 design@civil.co.uk

Message

Dear Nigel

Application for Variation to Consent to Discharge Roke Manor Research, Romsey

Further to our conversation yesterday, please find below our calculations which illustrate why our application was made using the EA figure of 55ltrs/head/day.

Volume of water used in year 97/98
 (From water usage figures provided by Roke Manor) = 5635m³/yr

Volume of water used per week = 108.4m³/wk

Volume of water used per day
 (Assuming 5 day week) = 21.7m³/day

Volume of water per person per day
 (Assuming a population of 600) = 36ltrs/head/day

This figure assumes that a constant volume of water is consumed each week and does not consider the Christmas period where water consumption is reduced.

If we carry out the calculation in reverse, 55ltrs/head/day equates to a volume of 165m³/wk from the site.

= 55 x 600 x 5 = 165m³/week

When we study the water consumption figures for 97/98 we see that the volume of water used is generally below 165m³/wk. The figure is exceeded once in week 49.

Considering the above we thought it best to work with the figure of 55ltrs/head/day.

I hope the above clarifies our application. Please do not hesitate to contact me if you wish to discuss the calculations further.

Signed

R. Stephenson

The Civil Engineering Practice

GERALD E WALLER
 C.ENG MICE MIMM

SMON R BOOTS
 I.ENG AMICE AKMT

MARK A HOBBS
 B.ENG (HONS) C.ENG MICE WINT

CONSULTANTS

CHRISTOPHER M BAKER
 B.SC (ENG) C.ENG MICE

JOHN E BAWICK
 B.SC M.ENG C.ENG MICE

MALCOLM D MCKENNEY
 B.SC C.ENG MICE MRAUST MIMM MIMT

Mr N Thomas
Environment Agency
Colvedene Court
Wessex Way, Colden Common
WINCHESTER
Hampshire
SO21 1WP

Our Ref: SU 33.8

30 June 1999

Dear Mr Thomas

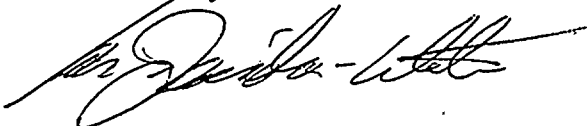
**APPLICATION FOR CONSENT TO DISCHARGE AT ROKE MANOR ROMSEY
(P.7651/H/99) - RIVER TEST SITE OF SPECIAL SCIENTIFIC INTEREST**

Thank you for consulting English Nature over this discharge application.

English Nature's concerns relating to such discharges are based on the impact of increased nutrient levels entering the SSSI. In this instance English Nature is satisfied that the modelling work undertaken by your department combined with the location of the discharge point, indicates that this application is unlikely to be detrimental to the SSSI. We therefore have no objections to this application being processed.

Please do not hesitate to contact us if you require further comments.

Yours sincerely



Ian Davidson-Watts
Hampshire Downs and Rivers
Conservation Officer



TEST VALLEY

B O R O U G H C O U N C I L

16 JUL 1999

ENVIRONMENT & HEALTH SERVICE

Bob Edmonds
Area Environment Planning Manager
(Hants & Isle of Wight) Environment Agency
Colvedene Court, Wessex Way
Colden Common, Winchester
Hants SO21 1WP

Peter Jeffs BSc SRN MCIEH MIOSH DMS
Head of Environment & Health
Council Offices, Duttons Road
Romsey, Hants SO51 8XG
Telephone 01794 515117
Fax 01794 513290
Answerphone/Fax 01794 830282
Minicom 01264 343214
Web site www.testvalley.gov.uk

13 July 1999

Ext or DDI: 5615

Your ref:

Our ref: TW/JR

Please contact: Mr Tim Williams

Dear Sir

LAND AT ROKE MANOR, ROMSEY, HANTS
APPLICATION FOR CONSENT TO DISCHARGE TREATMENT SEWAGE EFFLUENT

I have no problem with this proposal assuming that the upgraded treatment system will be to a suitable standard. I note that the existing system discharges treated effluent into the same ditch with no apparent ill effects.

Yours faithfully

Environmental Health Officer

13-JUL-99.DOC



Awarded for excellence





Hampshire
County Council
ENVIRONMENT

Area Environment Planning Manager
Environment Agency
Culverdene Court
Wessex Business Park, Wessex Way
Colden Common, nr Winchester
SO21 1WP

The Castle, Winchester
Hampshire SO23 8UE
Telephone 01962 841841
Fax 01962 846776

Enquiries to Adrian Lynham

Direct Line 847981

Date 06 July 1999

My reference
MWP/ARL/M2/2.3(i) 633\99

Your reference

E-mail
planly@plan.hants.gov.uk

Dear Sir/Madam

**APPLICATION FOR CONSENT TO DISCHARGE TREATED SEWAGE
EFFLUENT AT LAND AT ROKE MANOR RESEARCH, ROKE MANOR,
ROMSEY (APPLICATION NO. P.7651/H/99)**

Thank you for consulting me on the above application.

In accordance with the powers delegated to me by the County Council's Planning and Transportation Committee I am notifying you that the County Council as a local planning authority has **no objection** to the application.

I am returning with this letter the comments of my officers, the copy of the application and any other associated documents which you supplied to me.

If you have any queries on this matter please contact Adrian Lynham on the above telephone number.

Yours faithfully,

for the County Planning Officer

INTERNAL CONSULTATION RESPONSE

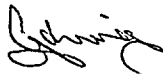
From: Garry King, Senior Ecologist, Environment Group,
Planning Department.
District: Test Valley Borough Council.
Name of site: Land at Roke Manor Research, Romsey.
Application type: Discharge Licence.
Application number: P.7651/H/99.
Application details: Discharge of treated effluent to ditch, which is tributary
of River Test.
Plan numbers: Location plan.
HCC Envi. Group ref: E26/10.
HCC ref/schedule no.: 633/99.
1:10,000 ref: SU32SW.
Site grid ref: SU3385 2202.
Biological data ref: N/A.

COMMENTS

As the ditch is a tributary of the 'River Test' SSSI, English Nature should be consulted.

Applicant should also refer to the comments of their own (Environment Agency) ecologist.

Signed:



Extension: 5148.

Date: 02.07.99.

Our ref: P.7651/H/99
Your ref:



**ENVIRONMENT
AGENCY**

Date: 16 June 1999

Mrs M Covington
Department of the Environment, Transport and the Regions
Water Quality Division (4) Zone 3/H15
Ashdown House
123 Victoria Street
London SW1E 6DE

Dear Mrs Covington

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE
ENVIRONMENT ACT 1995)
APPLICATION FOR CONSENT TO DISCHARGE TREATED SEWAGE
EFFLUENT
LAND AT ROKE MANOR RESEARCH, ROKE MANOR, ROMSEY, HANTS**

The Agency has received an Application for Variation under the Water Resources Act 1991 from Roke Manor Research Ltd to discharge effluent to Roke Manor, Romsey, Hampshire.

The Agency considers that this Application needs to be advertised. In such circumstances, I am obliged under the provisions of the above Act to forward a copy of the Application and accompanying plans.

Details of this Application will be advertised shortly in the London Gazette and a local newspaper. A copy of this notice is also enclosed. Representations in respect of the Application may be made at any time within 6 weeks of the date shown on the advertisement. It would however assist me if you could let me know within the next twenty-eight days whether you wish to make any objection in respect of the proposed discharge.

Yours sincerely

WATMOMBS

^{AP} **BOB EDMUNDS**
Area Environment Planning Manager (Hampshire & Isle of Wight)

eplan\rd\b\misc\wqcons99\let13043\mo

Environment Agency
Colvedene Court, Wessex Way, Colden Common, Winchester, Hampshire SO21 1WP
Tel: (01962) 713267 Fax: (01962) 841573



Our ref: P.7651/H/99
Your ref:



ENVIRONMENT
AGENCY

Date: 16 June 1999

Mr P Atkinson
Southern Water Services
Southern House Yeoman Road
Worthing
West Sussex
BN13 3NX

Dear Sir

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE
ENVIRONMENT ACT 1995)
APPLICATION FOR CONSENT TO DISCHARGE TREATED SEWAGE
EFFLUENT
LAND AT ROKE MANOR RESEARCH, ROKE MANOR, ROMSEY, HANTS**

The Agency has received an Application for Variation under the Water Resources Act 1991 from Roke Manor Research Ltd to discharge effluent to Roke Manor, Romsey, Hampshire.

The Agency considers that this Application needs to be advertised. In such circumstances, I am obliged under the provisions of the above Act to forward a copy of the Application and accompanying plans.

Details of this Application will be advertised shortly in the London Gazette and a local newspaper. A copy of this notice is also enclosed. Representations in respect of the Application may be made at any time within 6 weeks of the date shown on the advertisement. It would however assist me if you could let me know within the next twenty-eight days whether you wish to make any objection in respect of the proposed discharge.

Yours faithfully

MA THOMAS

PP **BOB EDMUNDS**
Area Environment Planning Manager (Hampshire & Isle of Wight)

eplan\rd\misc\wqcons99\let13041\mo

Environment Agency
Colvedene Court, Wessex Way, Colden Common, Winchester, Hampshire SO21 1WP
Tel: (01962) 713267 Fax: (01962) 841573



memo



ENVIRONMENT
AGENCY

To Andy Roberts

Our ref Preliminary Enquiry

From Nigel Thomas

Your ref

Ext No. 4919

Date 19/11/98

ROKE MANOR RESEARCH, ROMSEY, HANTS.

Thank you for supplying the Q95 and MDF data for the above-named site.

Following a conversation with Mike Manderville (Worthing) with reference to the flows and Ammonia levels, please could you provide a seasonal MDF and Q95 for the two periods:

November 1997 - April 1998

May - October 1998

for point 'B' on your map (NGR SU 333 223)

Thank you

Nigel

out 0830

Peter Quarmby - Hampshire & Isle of Wight Area Manager
Colvedene Court, Wessex Way, Colden Common, Winchester, Hampshire SO21 1WP
Telephone: (01962) 713267 Fax: (01962) 841573

MASS BALANCE CALCULATION: MONTE CARLO METHOD

Version 1.1

Calculations done on 19/11/1998 at 14.18



ENVIRONMENT
AGENCY

Name of discharge	Roke Manor
Name of river	Greenhill Leat
Name of determinand	BOD

INPUT DATA	
UPSTREAM RIVER DATA	
Mean flow	1525.8
95% exceedence flow	812.20
Mean quality	1.20
Standard deviation of quality	0.70
90-percentile	2.00
DISCHARGE DATA	
Mean flow	33.00
Standard deviation of flow	11.00
Mean quality	20.00
Standard deviation of quality	6.66
... or 95-percentile	32.35
DOWNSTREAM RIVER QUALITY TARGET	
Quality target	4.00
Percentile	90.00

RESULTS	
RIVER DOWNSTREAM OF DISCHARGE	
Mean quality	2.71
Standard deviation of quality	0.96
90-percentile quality	4.00
99-percentile quality	5.51
Quality target (90-percentile)	4.00
DISCHARGE QUALITY NEEDED	
Mean quality	67.84
Standard deviation of quality	22.13
95-percentile quality	108.85
99-percentile quality	133.29

MASS BALANCE CALCULATION: MONTE CARLO METHOD

Version 1.1

Calculations done on 19/11/1998 at 14.12



ENVIRONMENT
AGENCY

Name of discharge	Roke Manor
Name of river	Greenhill Leat
Name of determinand	Ammonia

INPUT DATA	
UPSTREAM RIVER DATA	
Mean flow	1525.8
95% exceedence flow	812.20
Mean quality	0.21
Standard deviation of quality	0.07
90-percentile	0.30
DISCHARGE DATA	
Mean flow	33.00
Standard deviation of flow	11.00
Mean quality	5.00
Standard deviation of quality	1.66
... or 95-percentile	8.08
DOWNSTREAM RIVER QUALITY TARGET	
Quality target	0.60
Percentile	90.00

RESULTS	
RIVER DOWNSTREAM OF DISCHARGE	
Mean quality	0.44
Standard deviation of quality	0.12
90-percentile quality	0.60
99-percentile quality	0.79
Quality target (90-percentile)	0.60
DISCHARGE QUALITY NEEDED	
Mean quality	10.28
Standard deviation of quality	3.35
95-percentile quality	16.49
99-percentile quality	20.18

memo



ENVIRONMENT
AGENCY

To FILE

Our ref Preliminary Enquiry

From Nigel Thomas

Your ref

Ext No. 4919

Date 19/11/98

ROKE MANOR RESEARCH, ROMSEY, HANTS.

Initial Monte-Carlo modelling suggested an Ammonia limit of 16.49 for the main tributary (labelled 'B' on the map from Resources)

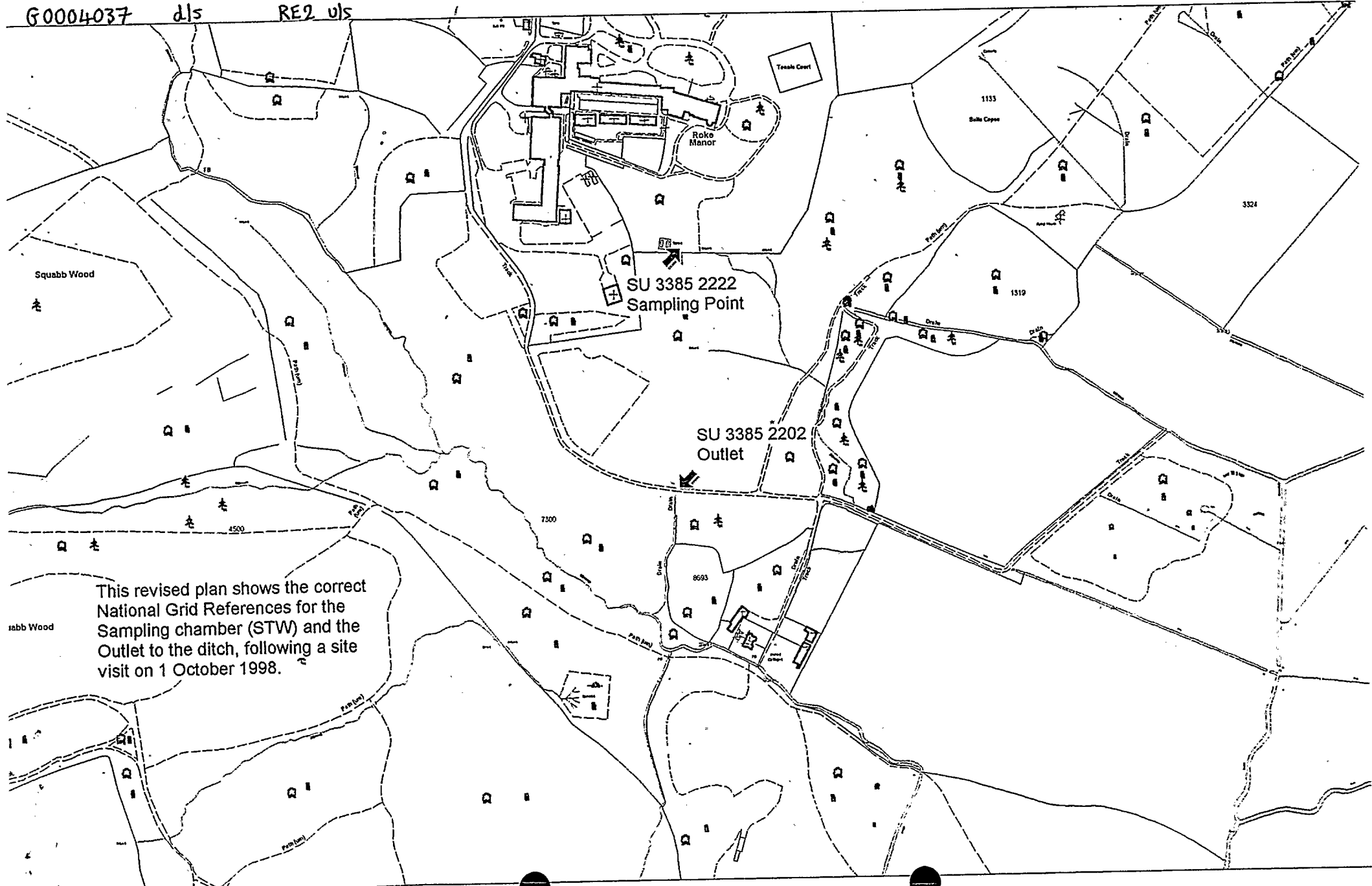
I called Rachel Stephenson (Gyours Self - Agent) who informed me that Entec have suggested an ammonia limit of 20 mg/l. I explained that this level is too high and she will now contact Mike Butler of Entec to discuss a tighter limit.

Sara Edwards contacted Mike Manderville (Worthing) who suggested that we obtain seasonal variation data from Resources and complete Monte-Carlo modelling using this.

Peter Quarmby - Hampshire & Isle of Wight Area Manager
Colvedene Court, Wessex Way, Colden Common, Winchester, Hampshire SO21 1WP
Telephone: (01962) 713267 Fax: (01962) 841573

Greenhill Leat seasonal variation in Q95 flow.				
All flows in cumecs				
	MMM7	Ratio of month:mean	Monthly Q95	
Jan	0.0248	1.250	0.012	
Feb	0.0318	1.603	0.015	
Mar	0.0301	1.517	0.014	
Apr	0.0261	1.315	0.012	
Nov	0.0151	0.761	0.007	
Dec	0.0203	1.023	0.010	0.0116
		AVG 1.24		
May	0.0212	1.068	0.010	
Jun	0.0179	0.902	0.008	
Jul	0.0141	0.711	0.007	
Aug	0.0126	0.635	0.006	
Sep	0.0119	0.600	0.006	
Oct	0.0122	0.615	0.006	0.0071
		AVG 0.75		
	0.019842	4.531		

G0004037 dls RE2 vls



This revised plan shows the correct National Grid References for the Sampling chamber (STW) and the Outlet to the ditch, following a site visit on 1 October 1998.



ENVIRONMENT
AGENCY

Our Ref: P.6660/L/H/97 (VARIATION)
Amended from P.7651/H/99

Your Ref:

Date: 31st August 1999

Roke Manor Research Limited
Roke Manor
Romsey
Hampshire
SO51 0ZN

Changed to P.6660/L/H/97 VARIATION

Dear Sir/ Madam

WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995)

APPLICATION FOR VARIATION OF DISCHARGE CONSENT APPLICATION NO P.6660/L/H/97

LAND AT ROKE MANOR RESEARCH LTD, ROKE MANOR, ROMSEY, HAMPSHIRE

I refer to your application for a variation to the above consent under the Water Resources Act 1991.

I am pleased to inform you that the Agency has approved the application and the discharge consent is enclosed. Your attention is drawn to the conditions attached to the consent which should be complied with at all times, failing which, the consent holder will be liable to prosecution, either by the Agency or by any member of the public.

The conditions will remain in force until varied or revoked by the Agency or the Secretary of State for the Environment and they are binding on the consent holder, discharging effluent from the land or premises or, as the case may be, using the outlet to which they relate. Consent given under Section 88 and Schedule 10 of the Water Resources Act 1991 does not release the applicant from compliance with any other statutory or other requirement.

The consent is an important legal document and should be kept in a safe place.

If you are dissatisfied with the terms of any condition or period specified in the consent you may appeal against the Agency's decision by giving notice in writing to the Secretary of State under Section 91 of Water Resources Act 1991. Notice with a statement of the grounds of appeal should, however, be given within three months of the date of this letter and a copy sent to this Agency.

Environment Agency
Colvedene Court, Wessex Way, Colden Common, Winchester, Hampshire SO21 1WP
Telephone: 01962 713267 Fax: 01962 841573

Finally, I would point out that under Schedule 23, para 21 (2) (b) (ii) of the Environment Act 1995 if you transfer the responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. Please note that a form for this purpose is attached to the Certificate of Holder which should be kept with the Consent document for future reference.

Yours faithfully



BOB EDMUNDS
Area Environment Planning Manager (Hampshire & Isle of Wight)

Please ask for: Nigel Thomas (ext 4919)

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CONSENT NO: P6660/L/H/97

H/381

P6660

No 1023
C16A

THE WATER RESOURCES ACT 1991
SECTION 88 - SCHEDULE 10
CONSENT TO DISCHARGE

To: The Managing Director
Roke Manor Research Limited
Roke Manor
Old Salisbury Lane
Romsey
Hants SO51 0ZN

The ENVIRONMENT AGENCY ("the Agency") in pursuance of its powers under the Water Resources Act 1991 HEREBY CONSENTS to the making of a discharge OF SEWAGE EFFLUENT , as follows:-	
Treated Sewage Effluent	
FROM: Roke Manor	
AT: Romsey, Hampshire	
TO: A tributary of the River Test	
SUBJECT TO the conditions set out in the following Schedules:	
Treated Sewage effluent	P6660/L/H/97 01
This consent is issued and takes effect on the twenty first day of March 1997	
Signed..... <i>J. C. Adams</i>	
AREA WATER QUALITY MANAGER	

CONSENT NO:	P.6660/L/H/97
SCHEDULE NO:	P.6660/L/H/97 01
DATE ISSUED:	21 March 1997

CONDITIONS OF CONSENT TO DISCHARGE

Treated Sewage Effluent ("the discharge").

FROM: Roke Manor, Romsey, Hants

1. The outlet shall be located at National Grid Reference SU 3389 2198.
2. The discharge to controlled waters shall consist only of treated sewage effluent.
3. The effluent discharged to controlled waters shall at the specified sampling point comply with the following standard:-
 - a) Biochemical Oxygen Demand (Allylthiourea) 5 Day at 20 degrees centigrade not to exceed 40 mg/l.
 - b) Suspended solids dried at 105 degrees centigrade not to exceed 60 mg/l.
4. The volume of effluent discharged under dry weather conditions shall not exceed 17 cubic metres in any period of 24 hours.
5. Facilities for the taking of samples by the Agency's officers shall be provided and maintained at the outlet from the clarifier.

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



**ENVIRONMENT
AGENCY**

Part A

To: The Managing Director
Roke Manor Research Limited
Roke Manor
Old Salisbury Lane
Romsey
SO51 0ZN

The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent P.6660/L/H/97

Nature of Discharge(s); Treated Sewage Effluent
at Roke Manor, Romsey, Hants

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:

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

Consent: Name:
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:**

