

Water Quality Public Register Scanning – Work Instruction
Appendix 1

PERMIT REFERENCE:
(EDRM OTHER REFERENCE)

Permit Reference as it appears on the permit including characters (/.-\)

1/29/36269/S



**ENVIRONMENT
AGENCY**

Consent to Discharge

Water Resources Act 1991 (as amended by the Environment Act 1995)

Consent Holder(s)

**Earth Heart Housing Co-operative Ltd
Atlow Moat
Atlow
Ashbourne
Derbyshire
DE6 1NS**

Consent to Discharge from

**8 Dwellings
Atlow Moat
Ashbourne
Derbyshire
DE6 1NS**

Consent Number

T/29/36269/S

Environment Agency Upper Trent Area
Sentinel House, Wellington Crescent, Fradley Park, Lichfield, Staffordshire, WS13 8RR
Tel: 008708 506 506 Fax: 01543 444161

Consent to Discharge

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



**ENVIRONMENT
AGENCY**

Consent to Discharge

Consent Number
T/29/36269/S

To:

**Earth Heart Housing Co-operative Ltd ("the Consent Holder")
Atlow Moat
Atlow
Ashbourne
Derbyshire
DE6 1NS**

The Environment Agency ("the Agency") in pursuance of its powers under the Water Resources Act 1991(as amended by the Environment Act 1995) hereby consents to the making of a discharge:

Of:

Secondary treated sewage effluent containing no trade effluent ("the Discharge")

From:

The septic tank and reedbed treatment system serving 8 domestic properties

At:

8 Dwellings at Atlow Moat, Atlow, Ashbourne, Derbyshire

To:

Un-named tributary of Henmore Brook

Subject to the conditions set out in this notice of Consent to Discharge.

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, altering this consent, without the agreement of the Consent Holder, during a period of 4 years from the date this notice is issued.

This Consent is issued on: *Fifteenth May 2006*

This Consent takes effect on: *Fifteenth May 2006*

Signed

[Redacted signature box]

Team Leader Regulatory Water Quality

1 **Conditions of Consent for septic tank
sewage effluent containing no trade effluent**

1.1 **Nature**

- 1.1.1 The Discharge shall consist solely of septic tank sewage effluent containing no trade effluent.

1.2 **Place of Discharge**

1.2.1

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

- a discharging to un-named tributary of Henmore Brook
- b at National Grid Reference SK 2273 4860
- c shown marked "OUTLET AND SAMPLE POINT" on Site Plan attached to this consent.

1.3 **Sampling Point Requirements**

1.3.1

The outlet to controlled waters shall be constructed and maintained so that a representative sample of the Discharge may be obtained at National Grid Reference SK 2273 4860 as shown marked "OUTLET AND SAMPLE POINT" on the Site plan attached to this consent. The Consent Holder shall provide safe access to the sample point at all times.

1.4 **Volume**

- 1.4.1 The volume of the Discharge shall not exceed 8.0 cubic metres per day.

1.5 **Flow Measurement**

1.5.1

At the request of the Agency, the Consent Holder shall install, operate and maintain a means of flow measuring to a specification and at a location required by the Agency. The flow measurement installation shall enable the total daily volume, of sewage through the septic tank and reed bed treatment facility to be recorded. The Consent Holder shall calibrate, operate and maintain the flow measurement and recording system to a standard specified by their quality management system that has been approved by an independent expert. The flow and maintenance records shall be provided to the Agency as and when requested.

1.6 **Composition**

1.6.1

The Discharge shall not contain more than:

- a 25 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20°C with nitrification suppressed by the addition of allyl-thiourea)
- b 30 milligrammes per litre of suspended solids (measured after drying at 105°C)
- c 20 milligrammes per litre of ammoniacal nitrogen (expressed as N)

1.6.2 As far as is reasonably practicable, the sewage treatment system shall be operated so as to prevent the Discharge from containing any significant trace of visible oil or grease.

1.6.3 Primary treated sewage effluent from the septic tank shall pass through a Reed bed designed to provide secondary treatment.

1.7 **Urban Waste Water Treatment Regulations**

1.7.1

- a The Consent Holder shall comply with the Urban Waste Water Treatment (England and Wales) Regulations 1994 ('the Regulations').
- b For the purpose of condition 1.7.2 below, interpretations and references to numbered regulation or Schedule shall have the meaning as in the Regulations, unless otherwise indicated.

1.7.2

- a The Discharge derives from an agglomeration with a population equivalent of less than 2,000 discharging to freshwaters.
- b The Consent Holder shall inform the Agency in writing of any change, or proposed change, to the population equivalent such as would make a material change to the application of the Regulations and shall, on request, inform the Agency in writing of the actual population equivalent.
- c The Discharge shall be subject to Regulation 5(7) and satisfy the requirements of Regulation 5(8)(a).

1.8 **Priority Substances**

1.8.1

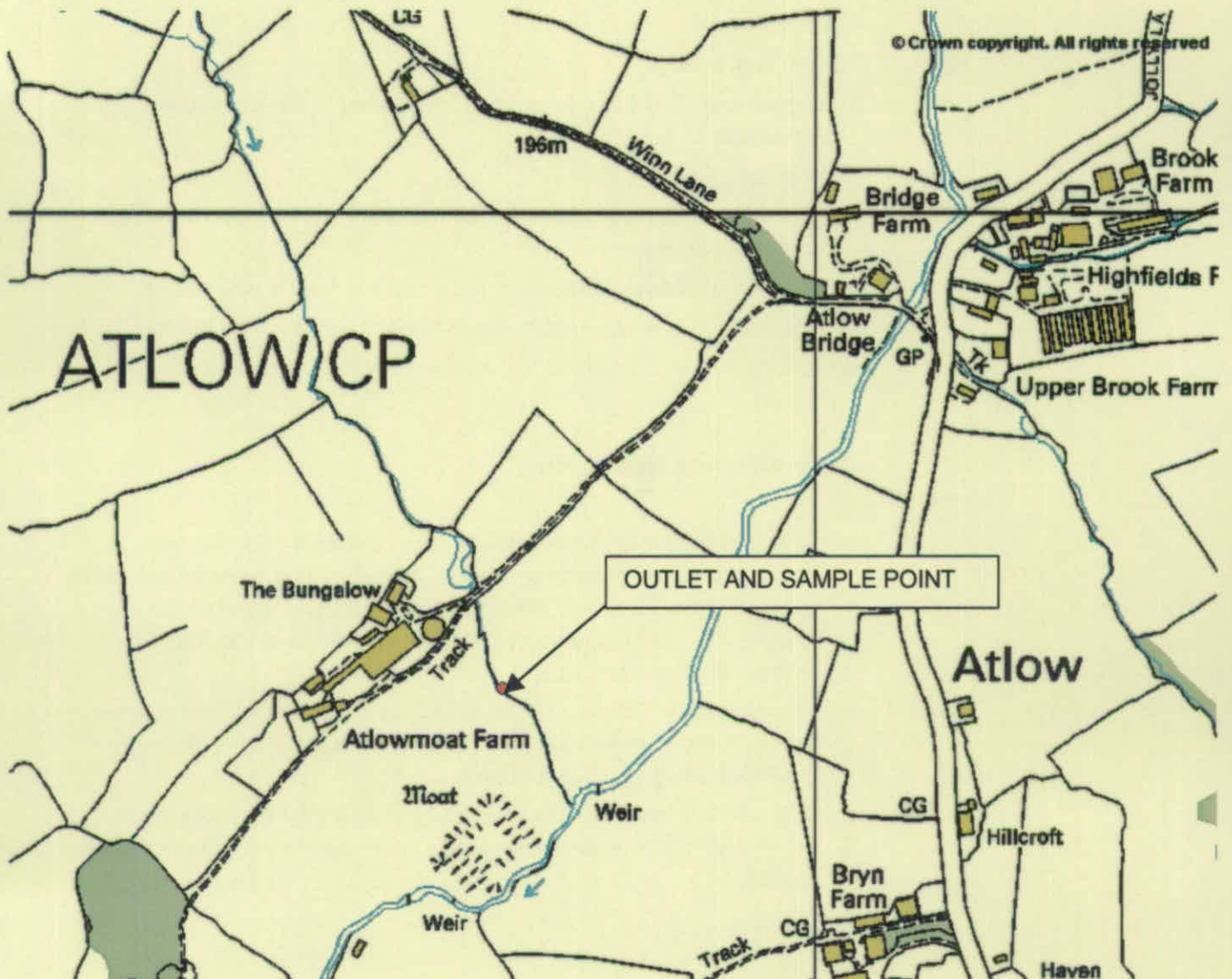
- a The quantity of Copper or Zinc in the Discharge shall not increase above the levels in the Discharge on the date of effect of this consent where no specific level is authorised; and
- b notwithstanding a above, the Discharge shall not contain quantities Copper or Zinc such as to cause or contribute to the concentration of that substance in the receiving water exceeding the relevant Environmental Quality Standard (EQS).

1.9 **Works Operation**

1.9.1

- a The sewage treatment system shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the Discharge made from the sewage treatment system on controlled waters.
- b This condition does not require:-
 - (i) any higher standard to be achieved in relation to any characteristic of the discharge which is specifically regulated by condition 1.6.1 and 1.6.2 of this consent than is required by those conditions;

Site plan



Environment Agency

This is the Site Plan referred to in
Consent No. T/29/36269/S

Dated 15 May 2006

This map is reproduced from Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office
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- (ii) any alteration of the works or a change in the type of treatment used.

1.10 **Maintenance**

1.10.1 For the Septic Tank-

The septic tank shall be operated and maintained to prevent excessive carryover solids.

For the Reed Bed-

- a** the reed growth is established and maintained to at least 75 percent cover of the bed;
- b** effective and even distribution of the sewage feed is maintained;
- c** the sewage flow does not by-pass, or short circuit within, the reed bed;
- d** the discharge is collected and discharged at a single point.

1.11 **Recording and Reporting**

1.11.1

- a** The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
- b** On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.
- c** The Consent Holder shall as soon as reasonably practicable report to the Agency all non-routine actions that may have adversely affected effluent quality.

Consent to discharge

Water quality



Environment
Agency

Water Resources Act 1991 as amended by Environment Act 1995 and Water Act 2003

Certificate of holder

Consent number

T/29/36269/S

This certificate confirms that the person named below is the registered holder of the consent. Keep the certificate with the consent document for future reference.

If you transfer responsibility for the discharge to somebody else you must

- tell us as soon as you can before the proposed transfer date – complete the *Consent to discharge – Notice of transfer* below, and return the whole sheet to the address given
- pass the consent to them.

You can contact us on 08708 506 506

The consent holder

Earth Heart Housing Co-operative Limited

Address

Atlow Moat
Atlow
Ashbourne
Derbyshire
DE6 1NS

Telephone in case of queries

01335 370754

Discharge details

Type

Sewage Effluent

Location

8 Dwellings, Atlow Moat, Ashbourne, Derbyshire

Consent to discharge – Notice of transfer

Use this part to request a transfer of the consent to another person. Once you and that person have completed the details below, return the whole sheet (WQP4) to us at the address shown. Until the consent has been transferred, you may still be liable for prosecution for breach of consent even though you are no longer on the site. If the proposed transfer does not take place, you must immediately inform the Environment Agency.

The proposed new holder of this consent is

Title

First name

Last name

Address

Postcode

Telephone in case of queries

Proposed date of transfer to proposed new holder

(DD MM YYYY)

Current holder declaration

Signature of current holder

Date (DD MM YYYY)

Name

Title

First name

Last name

Position if signing on behalf of an organisation

New holder declaration

Signature of proposed new holder

Date (DD MM YYYY)

Name

Title

First name

Last name

Position if signing on behalf of an organisation

Return address

Send the completed form (WQP4) to us at:

Authorisations Department
Environment Agency
Sentinel House
9 Wellington Crescent
Fradley Park, Lichfield,
Staffordshire
WS13 8RR

You should keep a copy for your records.

WATER RESOURCES ACT 1991 - SECTION 190
(As Amended By The Environment Act 1995)

DATE OF ENTRY
ONTO REGISTER

09/03/06



ENVIRONMENT
AGENCY

WATER RESOURCES ACT 1991 (schedule 10)

(as amended by the Environment Act 1995)

Application for new consent/variation to an existing consent* to discharge
(* delete as appropriate)

2006/03/09. UT/2006/002896/C

Regional/Area Address:

Official Use Only

Dist/Area Ref:

Application No. CP/UT/73501

Date Received: 08/03/06

Fee Received: £772.00

Each applicant must complete the main form and may need to complete a separate annexe if appropriate. Please look through the form and read the notes carefully before you complete it. Processing of your application will be aided by full and accurate completion of all the relevant sections and provision of the necessary plans. If you have any queries regarding the form please contact the person given in the notes.

NOTE:

All information contained within this application will be made available on the public register unless there is a request to withhold any of it. Any such request should provide a full justification stating why the information needs to be withheld

1. SITE ADDRESS

1.1 Address or other sufficient description of land or premises to which this application applies.

8 DWELLINGS @ ATLOW MOAT
ATLOW
ASHBOURNE
DERBYSHIRE

Post Code:

DE6 1NS

2. DETAILS OF DISCHARGE(S)

2.1. State the nature of the discharge(s) (see note i and ii) - tick one or more boxes as appropriate:-

Sewage Effluent - volume of 5 cubic metres per day or less

Sewage Effluent - volume greater than 5 cubic metres per day (complete annexe 1)

Sewage Effluent discharged under storm or emergency conditions (complete annexe 2)

Cooling Water (complete annexe 3)

Trade Effluent (including site drainage) (complete annexe 3)

Others (please specify)

☐
☒
☐
☐
☐
☐

--

2.2 Please state the maximum quantity it is proposed to discharge in any one day

Briefly state how this figure was calculated (see note ii)

8 m³/day

8 PROPERTIES: 5 x 3 bed
2 x 4 bed 1 x 2 bed

2.3 a) Indicate proposed means of discharge - tick as appropriate and show on plan:-

(for 1, 2 & 3 please state dimensions below)

1. Pipe

☒

4. Borehole

☐

7. Sub-Irrigation System

☐

2. Channel

☐

5. Well

☐

8. Combination of 6. & 7.

☐

3. Culvert

☐

6. Soakaway

☐

9. Other (please specify below)

☐

--

b) National Grid Reference(s) of point(s) of discharge (see note iii)

5 K / 2273248607

(please indicate on accompanying plans)

2.4 a) The Agency will normally require adequate provision for the taking of samples of the discharge in a safe convenient manner at any time. Please indicate the means proposed (see note iv) - tick as appropriate and show on plan:-

At the outlet

☒

At the manhole or sampling chamber

☐

Other (Please specify)

--

b) National Grid Reference(s) of sampling point(s) (If different from 2.3b) above)

☐☐ / ☐☐☐☐ / ☐☐☐☐

(please indicate on accompanying plans)

c) What flow measurement facilities will be provided (see note v)?

Please give details.

--

2.5 a) Type of Treatment Plant(s) to be used (please specify make and model) - tick as appropriate:-

Septic tank

☒

Package Sewage Treatment Works

☐

Other

☐

WITH REED BED TREATMENT FACILITY

b) Will the treatment process involve the use of any chemicals (eg ferric salts, polyelectrolytes)

☒ Y/N

If yes please give details.

2.6 a) On what date do you anticipate the discharge will commence?

ONGOING

b) If you require the consent for a limited time period please give dates; from:

c) If the discharge is not continuous please detail the period/circumstances when it will occur.

2.7 a) Are there any existing consents for discharge from the premises (see note vi)?

☒ Y/N

If yes, please give the reference numbers (Any further information should be given in section 5.3).

WQ/72/2827

b) Has any person had a Prohibition Notice served on them in respect of this site?

☒ Y/N

If yes, please give the reference number.

3. SITE DETAILS

3.1 Please give the name of the relevant Planning Authority.

DERBYSHIRE DALES

3.2 Please give details of the premises - tick as appropriate:-

1. Single Dwelling

☐

6. Fish Farm

☐

2. Multiple Dwellings

☒

7. Mineral Workings

☐

3. Industrial Premises

☐

8. Water Services plc STW

☐

4. Vehicle Parking area

☐

9. Water Supply

☐

5. Commercial Premises (please specify)

☐

10. Other (please specify)

☐

3.3 Please indicate source of the water supply - tick as appropriate:-

1. Well ☐
2. Borehole ☐
3. Precipitation (eg. rain or snow) ☐
4. Mains (please state water supply company) ☒

5. River (please give name below) ☐
6. Estuary (please give name below) ☐
7. Coastal Water (please give name below) ☐

4. DETAILS OF RECEIVING ENVIRONMENT

4.1 Receiving Medium - tick the category(s) to which the proposed discharge(s) is(are) to be made:-

1. Estuarial Water (tidal river or stream) ☐
2. River or Stream (non-tidal) ☒
3. Canal ☐
4. Lake, Loch or Pond ☐

5. Into Land ☐
6. Onto Land ☐
7. Directly into Groundwater ☐
8. Coastal Water (see note vii) ☐

State name of receiving water if known:

UN-NAMED TRIB. OF HENMORE BROOK

4.2 In the case of sub-irrigation systems, soakaways or boreholes:-

- a) Is any part of the system within 5 metres of the boundary of the premises?
b) Is any part of the system within 10 metres of a watercourse?
c) Is any part of the system within 50 metres of a borehole or spring?
d) For wells and boreholes state dimension(s) in metres.
e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres.
f) For boreholes, state details of lining in metres:
(i) Depth of lining
(ii) Depth of perforated lining
(iii) Depth of unperforated lining
g) A percolation test must be carried out in accordance with British Standard BS6297:1983.
Have the results been provided?

4.3 Is there a foul sewer available to which the discharge(s) could be made (see note viii)?
If yes, please give the reasons it is not practical to connect to it (eg. distance, flow etc)

3 MILES

5 DETAILS OF APPLICANT AND OTHER INFORMATION

5.1 (See general notes and note ix)

(a) Full name and postal address of applicant. This should be the person who will become the consent holder should consent be issued. It must be a named individual or a limited company – see notes.

* EARTH HEART HOUSING CO-OPERATIVE LTD
* ATLOW MOAT
* ATLOW
* ASHBURNE

Post Code: DE6 1NS

Daytime Telephone Number [REDACTED]

Company Registration Number (if appropriate):

(b) Agent (if any) - Full name and postal address.

*
*
*
*
*
*

Post Code:

Contact Name and Daytime Telephone Number:

5.2

Please give full name and address to which bills should be sent if different to that given above:

* EARTH HEART HOUSING CO-OPERATIVE LTD
* ATLOW MOAT
* ATLOW
* ASHBURNE, DERBYSHIRE

Post Code: DE6 1NS

Daytime Telephone Number [REDACTED]

5.3 Are there any other factors to be taken into account? Please continue on a separate sheet if necessary.

DECLARATION

I/We:

1. apply under the Water Resources Act 1991 (as amended by the Environment Act 1995) for consent to discharge, as described in this Application. "This Application" means this page, all the other pages of this form and any attached annexes, the attached plan(s), any other sheets attached, and any other written information supplied to support the application.
2. enclose the required application fee, payable to the Environment Agency (see note x).
3. enclose 3 copies of the plan(s) and location maps with all relevant information clearly marked (see note xi).
4. will pay required advertising costs (see note xii).
5. confirm that I/we* will notify the Environment Agency of any changes in the information in this application which might be material to the continuation of the consent.
6. confirm that the information given in this application and any questions which the Environment Agency may have about it is/will* be true to the best of my/our* knowledge, information and belief and am/are* not aware of any other facts or information which might affect the granting of a consent, or conditions which might be put on it (see note xiii).
7. confirm that I/we* will pay any annual charges due should a consent be granted YES/NO*. If no please indicate who will by completing section 5.2 above (see note xiv).

(*Delete as appropriate)

SIGNED		PRINT M P GARNER	NAME:
ON BEHALF OF: EARTH HEAT		DATED: 3/3/6	
T. W. SING CO-ORDINATE LTD			

o o o

CONFIDENTIALITY

I/We apply for commercial confidentiality and enclose a full written justification (see note xv).

SIGNED: DATED:

PLEASE RETURN THIS FORM TO THE ADDRESS GIVEN ON THE FRONT PAGE



ENVIRONMENT AGENCY

ANNEXE 1

SEWAGE EFFLUENT GREATER THAN 5 CUBIC METRES PER DAY

Please complete this annexe if you are proposing to discharge more than 5 cubic metres per day of sewage effluent (if the effluent is to contain a trade component Annexe 3 should also be completed).

Official Use Only
Application No.

1. Site Name.

8 DWELLINGS @ ATLOW MOAT

2. Please detail the type and number of treatment units you are proposing to use.

SEPTIC TANK & REED BED

3. Volume, rates and overflow settings. (Please give volumes in cubic metres per day or litres per second as indicated below)

- a) Maximum flow to full treatment.
(see note (ii) in main guidance notes for population equivalents)
- b) Dry weather flow of discharge(s).
- c) Average daily flow.
- d) Maximum rate of discharge(s)

8 m³/d

m³/d

m³/d

l/s

4. Will there be provisions for storm/emergency discharges?
If yes, please complete Annexe 2.

Y(N)

5. a) Will any self monitoring take place?
If yes, please give details.

Y(N)

b) Will automatic sampling equipment be provided?

Y(N)

If yes, please give details of type and location (please indicate on plan).

6. a) Please state the maximum population served by the treatment works.

40

- b) Please give reasons for any variations in population eg. holiday resort, training area, seasonal industry etc. and detail the periods/times involved.

- c) Please state type of catchment/site being served eg. residential, resort, industrial etc.

RESIDENTIAL

7. Will a maintenance agreement be set up to manage the sewage works? (see note b)
If yes, please give details.

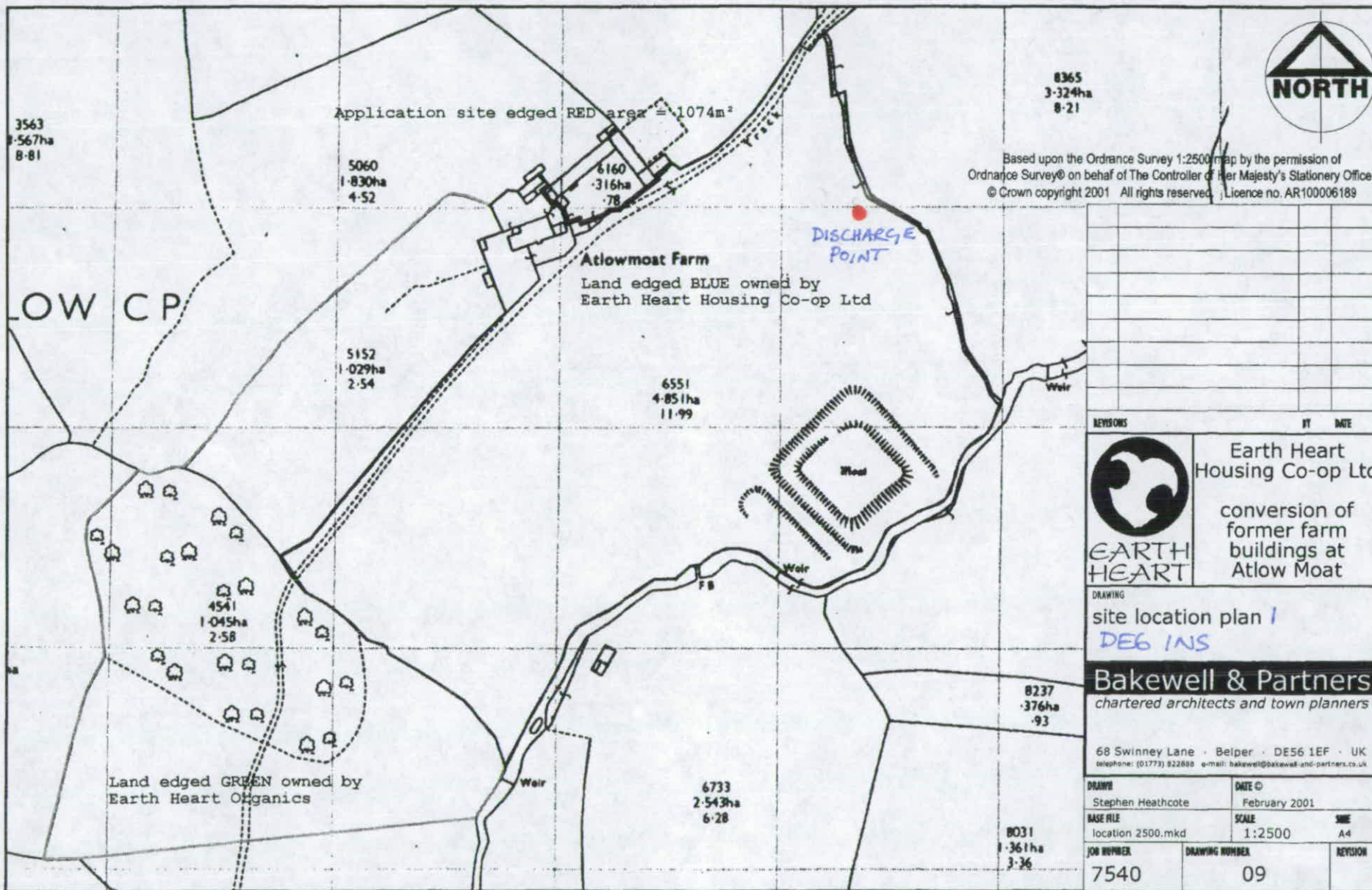
Y/N

8. Does the effluent contain a trade component?
If yes, please complete appropriate section on Annexe 3 for authorised discharges of trade effluent to the sewerage system.

Y/N

Notes (see also the notes attached to the main form):

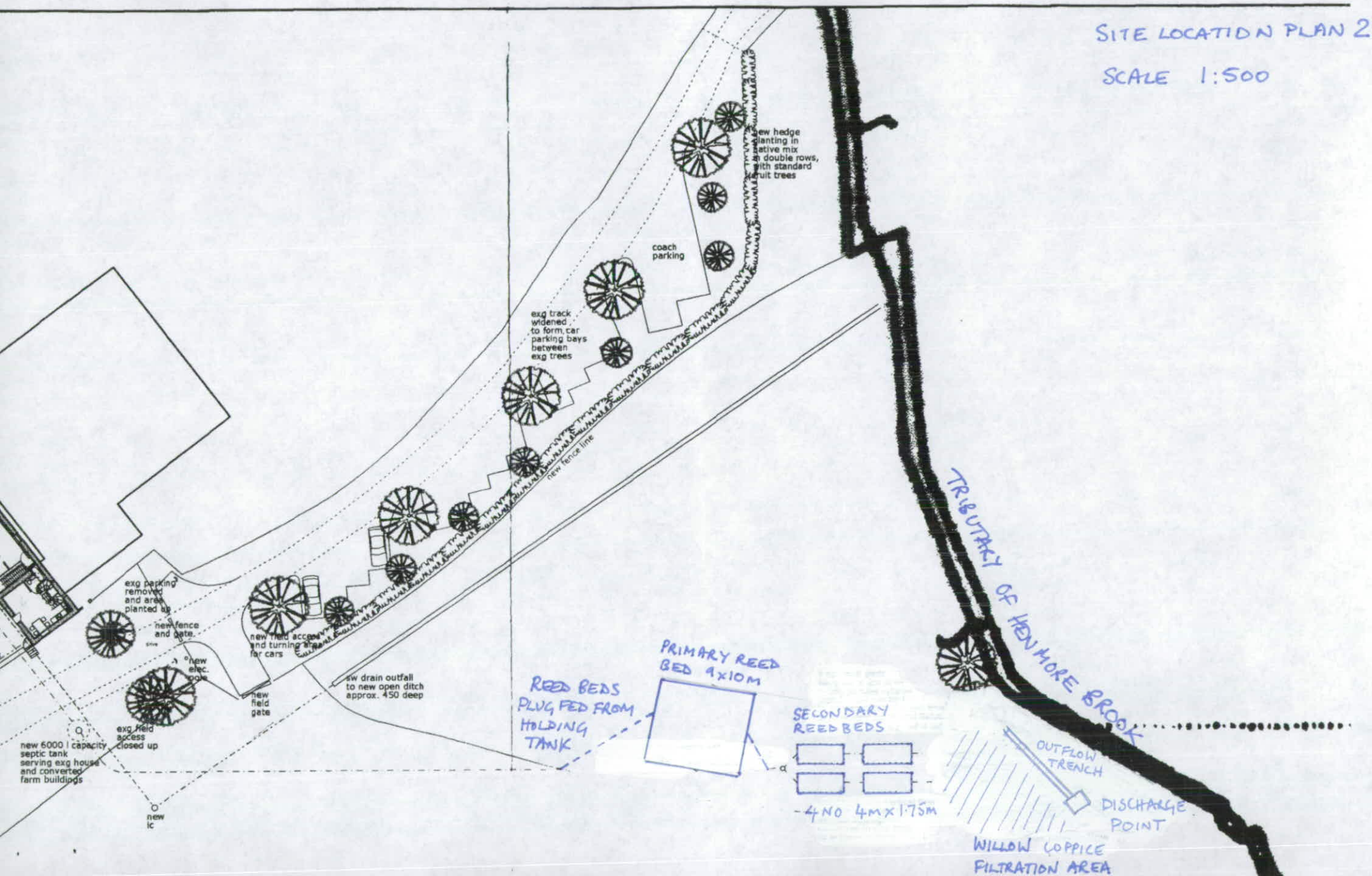
- a) *For significant sewage treatment plants full details of the plant design, dry weather flow and Biochemical Oxygen Demand load, along with information on all discharges from the works must be included in order for the application to be processed. Flow monitoring will normally be required for such discharges and details of siting and type of flow recorders should be provided.*
- b) *The Agency require a single body or company to be responsible for the discharge and any bills raised under the Charges for Discharges Scheme. Where multiple dwellings under different ownership are connected to the same system a management company should be set up.*



DEG INS

SITE LOCATION PLAN 2

SCALE 1:500



SITE LOCATION PLAN 3 DE6 INS

