



**ENVIRONMENT
AGENCY**

Consent to Discharge

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

Consent Holder(s)

**Mr J Thorne
Deep Meadow
Holy Well Road
Edington
Bridgwater
Somerset
TA7 9JH**

Consent to Discharge from

**Deep Meadow
Edington
Bridgwater
Somerset
TA7 9JH**

Consent Number

103057

**Environment Agency South West Region
Rivers House, East Quay, Bridgwater, TA6 4YS
Tel: 08708 506506 Fax: 01278 452985**



Consent to Discharge

Consent Number
103057

To:
Mr J Thorne ("the Consent Holder")
Deep Meadow
Holy Well Road
Edington
Bridgwater
Somerset
TA7 9JH

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:
Domestic septic tank effluent containing no trade effluent ("the Discharge")

From:
The septic tank

At:
Deep Meadow, Edington, Bridgwater, Somerset

To:
A soakaway

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, 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:

This Consent takes effect on:

27/1/05

Signed

Team Leader Environment Management

1 Conditions of Consent for domestic septic effluent containing no trade effluent

1.1 Nature

- 1.1.1 The Discharge shall consist solely of domestic septic tank 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 a soakaway system;
- b at National Grid Reference ST 3876 3914;
- c shown marked "A" on Site Plan attached to this Consent.

- 1.2.2 There shall be no direct discharge to groundwater.

- 1.2.3 The soakaway shall be constructed to comply with the following:

- a no part of the soakaway system constructed shall be more than 2 metres below ground level;
- b no part of the soakaway system shall be below the saturated groundwater level;
- c there is no connection to any watercourse or land drainage system;
- d no part of the soakaway system is situated within 10 metres of any ditch or watercourse;
- e no part of the soakaway system is within 50 metres of a well or borehole.

1.3 Sampling Point Requirements

- 1.3.1 A sample point shall be provided and maintained at National Grid Reference ST 3876 3914, as shown marked "1" on Site 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 being discharged into groundwater. The sample point should comply with all relevant Health and Safety requirements and be accessible at all times.

1.4 Volume

- 1.4.1 The volume of the Discharge shall not exceed 0.9 cubic metres per day.

1.5 **Composition**

- 1.5.1 As far as is reasonably practicable, the septic tank shall be operated so as to prevent the Discharge from containing any significant trace of visible oil or grease.

1.6 **Works Operation**

1.6.1

The septic tank 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 septic tank on groundwater.

1.7 **Maintenance**

1.7.1

The septic tank 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.

1.8

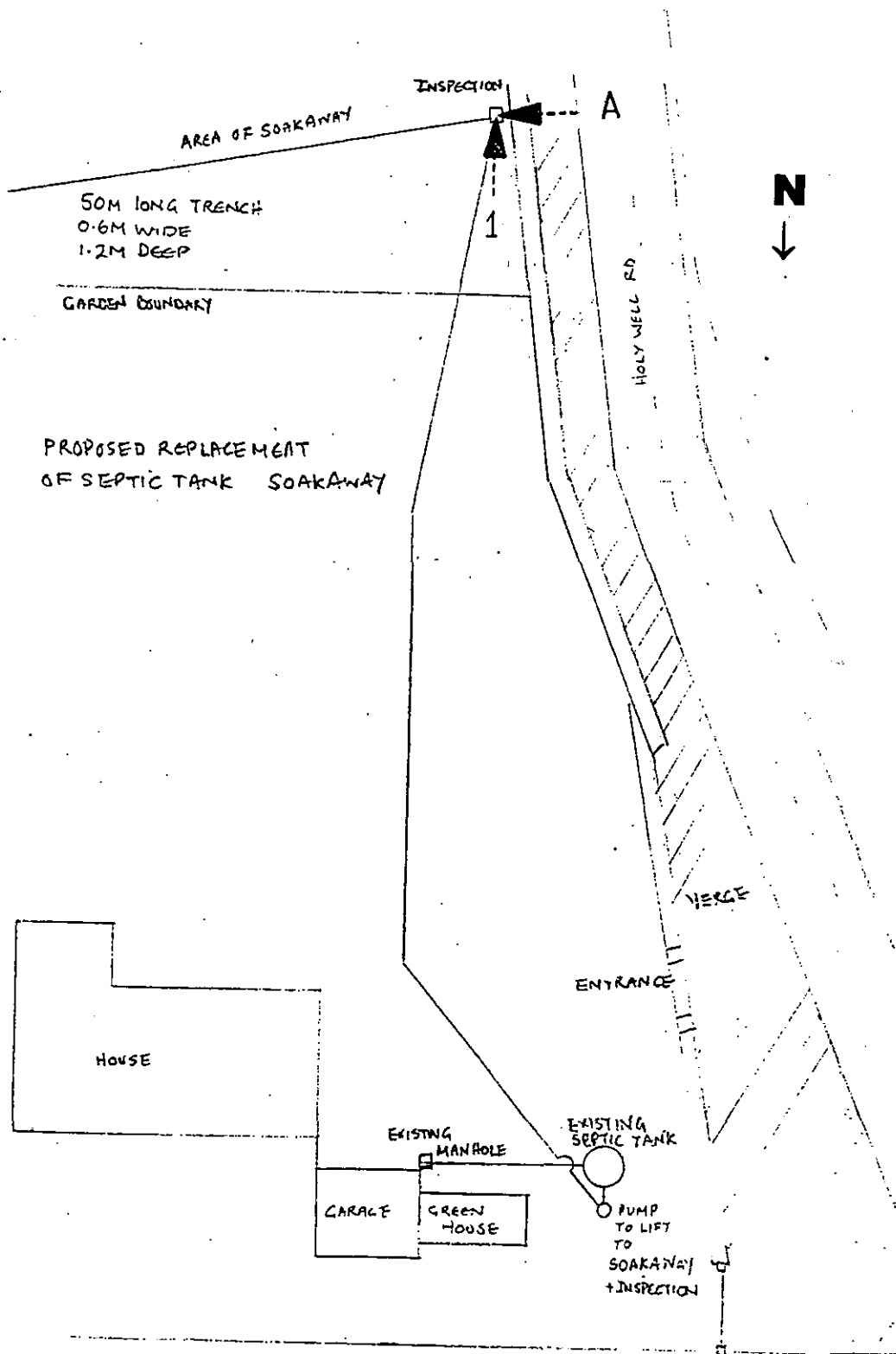
Recording and Reporting

1.8.1

- 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.

2

Site plan





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)

P A I D

28 APR 2005

C/S 463
£110

Regional/Area Address:

ENVIRONMENT AGENCY
NORTH WESSEX AREA OFFICE
RIVERS HOUSE
EAST QUAY
BRIDGWATER
SOMERSET TA6 4YS

Official Use Only

Dist/Area Ref: CCA/70/1554.

Application No. 103057

Date Received:

Fee Received:

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

RECEIVED

21 APR 2005

1 SITE ADDRESS

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

DEEP MEADOW
EDINGTON
BRIDGWATER

Post Code:

TA7 9JH

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 0.9 m³/day
Briefly state how this figure was calculated (see note ii).

Household of 2 Adults + 3 Children
= 5 x 180 Lts per day

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).

/ / (please indicate on accompanying plans) See plan

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

At the outlet ☐ At a manhole or sampling chamber ☒

Other (please specify)

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

/ / (please indicate on accompanying plans) See plan

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

Please give details.

N/A

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 ☐

Using existing septic tank.

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?

01/05/05

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

/ /

N/A

to:

/ /

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).

An existing septic tank / soakaway ~~was~~ built of brick probably built in 1958, the date the property was built.

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.

SEDGEMOOR

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)

☐☒

WESSEX WATER

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)

☐

5. Into Land

☒

2. River or Stream (non-tidal)

☐

6. Onto Land

☐

3. Canal

☐

7. Directly into Groundwater

☐

4. Lake, Loch or Pond

☐

8. Coastal Water (see note vii)

☐

State name of receiving water if known:

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?

☒ N

(b) Is any part of the system within 10 metres of a watercourse?

☒ N

(c) Is any part of the system within 50 metres of a borehole or spring?

☒ N

(d) For wells and boreholes state dimension(s) in metres.

 N/A m

(e) For sub-irrigation systems, soakaway pits, wells and boreholes, state maximum depth in metres.

 m

(f) For boreholes, state details of lining in metres: N/A

(i) Depth of lining

 m

(ii) Depth of perforated lining

 m

(iii) Depth of unperforated lining

 m

(g) A percolation test must be carried out in accordance with British Standard BS6297:1983.

Have the results been provided?

☐ Y

4.3 Is there a foul sewer available to which the discharge(s) could be made (see note viii)?

☒ N

If yes, please give the reasons it is not practical to connect to it (eg. distance, flow etc.).

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.

* DEEP MEADOW
* HOLY WELL RD
* EDINGTON
* BRIDGWATER
*

Post Code: TA7 9JH

Daytime Telephone Number: 07768 477378

Company Registration Number (if appropriate): N/A

(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:

*
*
*
*
*
*

Post Code:

Daytime Telephone Number:

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

I am replacing an existing soakaway built in 1988 with a more modern system of higher capacity. Work is planned to commence 30/4/05.

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). *N/A*
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). *N/A*

(* Delete as appropriate)

SIGNED: *John Thorne*..... PRINT NAME: *JOHN THORNE*.....
ON BEHALF OF:..... DATED: *28/4/05*.....

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

Site Name:

DATE OF TESTS:	TEST NO	START TIME	END TIME	ELAPSED TIME		ELAPSED TIME (SECONDS)
				HRS	MINS	
HOLE NO 1	1			1	55	6900
	2			1	50	6600
	3			1	50	6600
HOLE NO 2	1			1	25	5100
	2			1	20	4800
	3			1	25	5100
HOLE NO 3	1			1	30	5400
	2			1	35	5700
	3			1	25	5100
TOTAL ELAPSED TIME						51300
AVERAGE TIME (DIVIDE TOTAL BY 9)						5700
PERCOLATION VALUE (DIVIDE AVERAGE BY 250)						22.8

PERCOLATION VALUE X NUMBER OF PEOPLE X 0.25 = SOAKAWAY TRENCH AREA.

22.8 X 5 X 0.25 = 28.5 M²

PLEASE NOTE:

Soakaway length = 28.5 / 0.6 = 47.5m

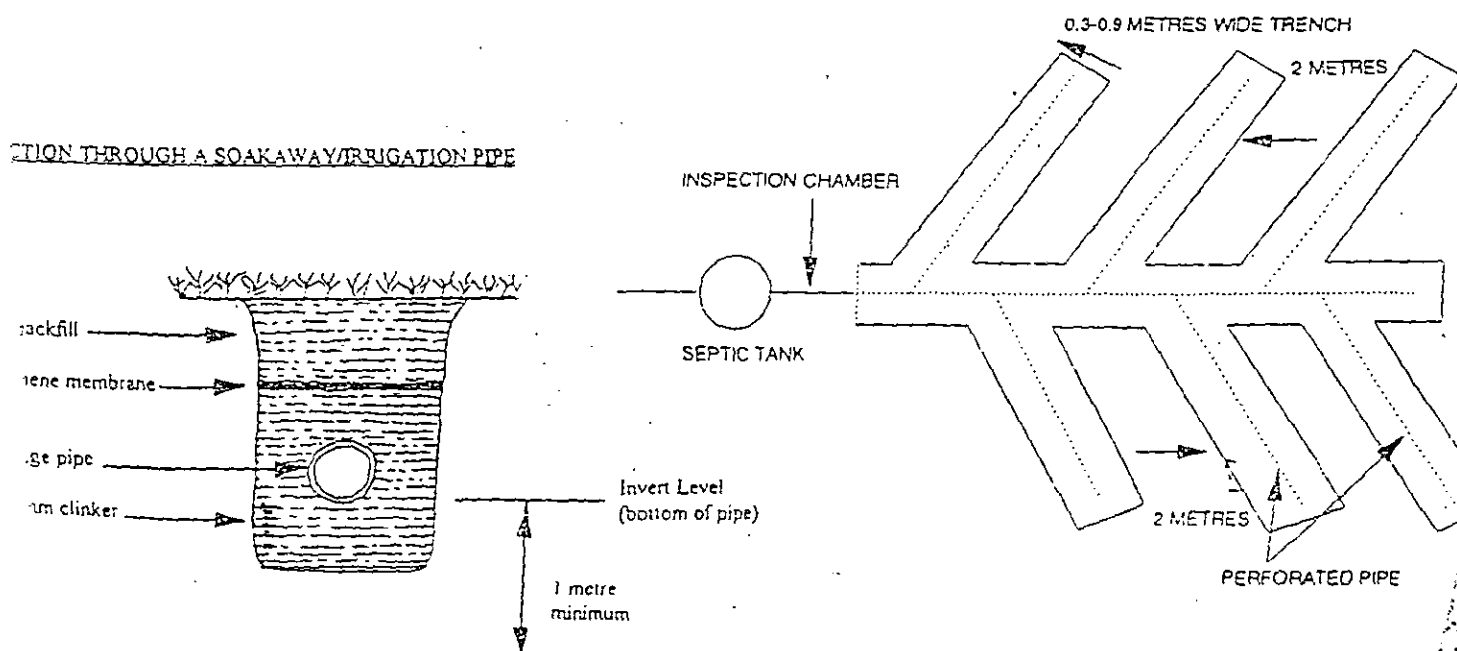
All parts of the soakaway must be at least 10 metres away from any ditch or watercourse.

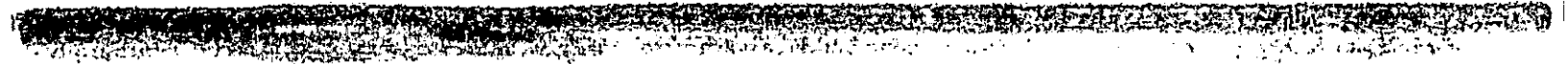
The soakaway should normally be sized for at least 4 people

A minimum soakaway trench area of 10m² is required in all cases.

To calculate the trench length needed divide the area by the trench width (in metres)

TYPICAL SOAKAWAY TRENCH ARRANGEMENT





100

100



TITLE NUMBER
ST222376

SOMERSET : SEDGEMOOR

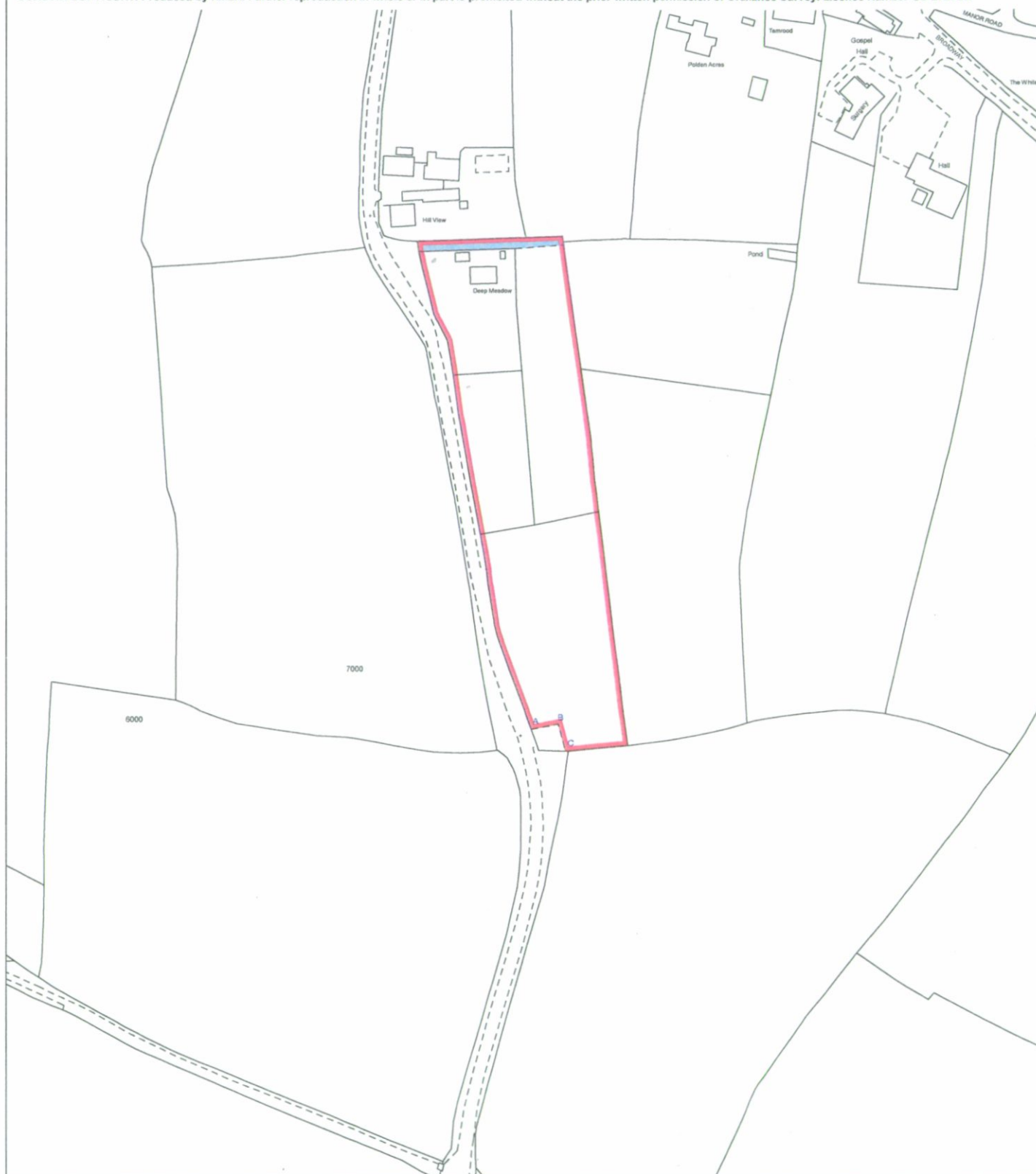


ORDNANCE SURVEY MAP REFERENCE:

ST3839SE

SCALE 1:2500

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This title plan shows the general position of the boundaries: it does not show the exact line of the boundaries. Measurements scaled from this plan may not match measurements between the same points on the ground. For more information see Land Registry Public Guide 7 - Title Plans.

This official copy shows the state of the title plan on **27 January 2004 at 08:59:12**. It may be subject to distortions in scale.

Under s.67 of the Land Registration Act 2002, this copy is admissible in evidence to the same extent as the original.

Issued on 27 January 2004.

This title is dealt with by the **Plymouth District Land Registry**.



01278 723453
07768 477378

01278 723453
07768 477378

AREA OF SOAKAWAT

50M LONG TRENCH
0.6M WIDE
1.2M DEEP

GARDEN BOUNDARY

PROPOSED REPLACEMENT OF SEPTIC TANK SOAKAWAY

HOLY WELL RD

Verde

ENTRANCE

HOUSE

EXISTING
MANHOLE

GARAGE

GREEN
HOUSE

EXISTING
SEPTIC TANK

PUMP
TO LIFT
TO
SOAKAWAY
+ INSPECTION