

# Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2010

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Mr Robert Phillips

A sewage treatment plant and infiltration  
system serving  
Telpyn Farm  
Amroth  
Narberth  
Dyfed  
SA67 8NR

Permit number

EPR/MP3623XC

**A sewage treatment plant and infiltration  
system serving Telpyn Farm  
Permit Number EPR/MP3623XC**

## **Introductory note**

### **This introductory note does not form a part of the permit**

The main features of the permit are as follows.

This permit is for a discharge of secondary treated sewage effluent from a hotel and restaurant with a function room. The effluent will be discharged to ground via a sewage treatment plant and infiltration system.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

| <b>Status log of the permit</b>   |                       |   |
|-----------------------------------|-----------------------|---|
| <b>Description</b>                | <b>Date</b>           | <b>Comments</b>   |
| Application<br>EPR/MP3623XC/A001  | Duly made<br>01/08/11 |   |
| Schedule 5 Information<br>request | 18/08/11              |   |
| Further information received      | 23/08/11              | Details of the soakaway<br>construction and percolation tests |
| Further information received      | 26/08/11              | Percolation test results                                      |
| Further information received      | 31/08/11              | Soil information  |
| Further information received      | 03/10/11              | Site photographs  |
| Further information received      | 13/10/11              | Site conditions   |
| Permit determined                 | 26/10/11              |   |

End of introductory note

# Permit

The Environmental Permitting (England and Wales) Regulations 2010

**Permit number**  
**EPR/MP3623XC**

The Environment Agency hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2010

**Mr Robert Phillips** (“the operator”),

of

**Telpyn Farm**  
**Amroth**  
**Narberth**  
**Dyfed**  
**SA67 8NR**

to operate a groundwater activity at

**Telpyn Farm**  
**Amroth**  
**Narberth**  
**Dyfed**  
**SA67 8NR**

to the extent authorised by and subject to the conditions of this permit.

| Name              | Date            |
|-------------------|-----------------|
| <b>Lynn Jones</b> | 26 October 2011 |

Authorised on behalf of the Environment Agency

# Conditions

## 1 Management

### 1.1 General management

- 1.1.1 The operator shall manage and operate the activities:
- (a) in accordance with a written management system that identifies and minimises risks of pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
  - (b) using sufficient competent persons and resources.
- 1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.
- 1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

## 2 Operations

### 2.1 Permitted activities

- 2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

### 2.2 The site

- 2.2.1 The activities shall not extend beyond the site, being the land shown edged in green and the discharge shall be made at the point marked on the site plan at schedule 7 to this permit and as listed in table S3.2 (discharge points).

### 2.3 Operating techniques

- 2.3.1 The infiltration system specified in table S1.1 shall be constructed to comply with the following:
- (a) no part of the infiltration system constructed shall be more than 2 metres below ground level;
  - (b) no part of the infiltration system shall be less than 1.2 metres above the highest predicted annual groundwater level;
  - (c) the infiltration system shall not connect to any land drainage system;

- (d) the infiltration system shall not be situated within 10 metres of any watercourse (including any ditch that runs dry for part of the year), or any other surface water;
- (e) the infiltration system shall not be situated within 50 metres of a well or borehole used for water supply.

2.3.2 The sewage treatment plant and infiltration system shall conform to all relevant British Standards in force at the time of installation.

## **3 Emissions and monitoring**

### **3.1 Emissions to water, air or land**

- 3.1.1 There shall be no point source emissions to water, air or land except from the sources and emission points listed in schedule 3 tables S3.1, S3.2 and S3.3.
- 3.1.2 The limits given in schedule 3 shall not be exceeded.

### **3.2 Emissions of substances not controlled by emission limits**

- 3.2.1 Emissions of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, have been taken to prevent or where that is not practicable, to minimise, those emissions.
- 3.2.2 The operator shall:
  - (a) if notified by the Environment Agency that the activities are giving rise to pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan;
  - (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by the Environment Agency.
- 3.2.3 Appropriate measures shall be taken to prevent the input of hazardous substances to groundwater by avoiding the entry of those substances into groundwater and by avoiding any significant increase in their concentration in groundwater.

### **3.3 Monitoring**

- 3.3.1 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 tables S3.1, S3.2 and S3.3 unless otherwise agreed in writing by the Environment Agency.

## **4 Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
  - (b) be made as soon as reasonably practicable;
  - (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
  - (d) be retained, unless otherwise agreed in writing by the Environment Agency, for at least 6 years from the date when the records were made.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by the Environment Agency.

### **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to the Environment Agency using the contact details supplied in writing by the Environment Agency.

### **4.3 Notifications**

- 4.3.1 The Environment Agency shall be notified without delay following the detection of:
- (a) any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution;
  - (b) the breach of a limit specified in the permit; or
  - (c) any significant adverse environmental effects.
  - (d) any emergency discharge that has occurred.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 4.3.3 Where the Environment Agency has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform the Environment Agency when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to the Environment Agency at least 14 days before the date the monitoring is to be undertaken.
- 4.3.4 The Environment Agency shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:
- Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (a) any change in the operator's name or address; and
- (b) any steps taken with a view to the dissolution of the operator.

4.3.5 Where the operator proposes to make a change in the nature or functioning, or an extension of the activities, which may have consequences for the environment and the change is not otherwise the subject of an application for approval under the Regulations or this permit:

- (a) the Environment Agency shall be notified at least 14 days before making the change; and
- (b) the notification shall contain a description of the proposed change in operation.

## **4.4 Interpretation**

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "without delay", in which case it may be provided by telephone.

## Schedule 1 – Operations

| Table S1.1 Activities  |   |
|--|---|
| Description of activity  | Limits of specified activity                  |
| Groundwater activity: discharge into land of secondary treated sewage effluent | Via an infiltration system at SN 18421 07639. |



## **Schedule 2 - Waste types, raw materials and fuels**

Wastes are not accepted as part of the permitted activities and there are no restrictions on raw materials or fuels under this schedule.

## Schedule 3 – Emissions and monitoring

**Table S3.1 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements**

| Emission point ref. & location                 | Parameter                      | Limit (incl. unit)           | Reference Period            | Monitoring frequency | Compliance statistic |
|--|--------------------------------|------------------------------|-----------------------------|----------------------|----------------------|
| Secondary treated sewage effluent via Outlet 1 | Maximum daily discharge volume | 15.5 m <sup>3</sup> /day     | Total daily volume          | N/A                  | Maximum              |
| Secondary treated sewage effluent via Outlet 1 | Ammoniacal nitrogen (as N)     | 30 mg/l                      | Instantaneous (spot sample) | N/A                  | Maximum              |
| Secondary treated sewage effluent via Outlet 1 | Visible oil or grease          | No significant trace present | Instantaneous (spot sample) | N/A                  | No significant trace |

**Table S3.2 Discharge points**

| Effluent Name                     | Discharge Point | Discharge point NGR | Receiving Environment                  |
|-----------------------------------|-----------------|---------------------|--|
| Secondary treated sewage effluent | Outlet 1        | SN 18421 07639      | Groundwater via an infiltration system |

**Table S3.3 Monitoring points**

| Effluent(s) and discharge point(s)             | Monitoring type       | Monitoring point NGR |
|--|-----------------------|----------------------|
| Secondary treated sewage effluent via Outlet 1 | Effluent sample point | SN 18421 07639       |

## **Schedule 4 - Reporting**

There is no reporting under this schedule.

## Schedule 5 - Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

### Part A

|                                |  |
|--------------------------------|--|
| Permit Number                  |  |
| Name of operator               |  |
| Location of Facility           |  |
| Time and date of the detection |  |

#### **(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution**

| <b>To be notified within 24 hours of detection</b>               |  |
|--|--|
| Date and time of the event                                       |  |
| Reference or description of the location of the event            |  |
| Description of where any release into the environment took place |  |
| Substances(s) potentially released                               |  |
| Best estimate of the quantity or rate of release of substances   |  |
| Measures taken, or intended to be taken, to stop any emission    |  |
| Description of the failure or accident.                          |  |

#### **(b) Notification requirements for the breach of a limit**

| <b>To be notified within 24 hours of detection unless otherwise specified below</b> |  |
|---|--|
| Emission point reference/ source  |  |
| Parameter(s)  |  |
| Limit   |  |
| Measured value and uncertainty  |  |
| Date and time of monitoring   |  |
| Measures taken, or intended to be taken, to stop the emission                       |  |

| Time periods for notification following detection of a breach of a limit |                     |
|--|---------------------|
| Parameter  | Notification period |
|  |                     |
|  |                     |
|  |                     |

| (c) Notification requirements for the detection of any significant adverse environmental effect |  |
|---|--|
| To be notified within 24 hours of detection   |  |
| Description of where the effect on the environment was detected                                 |  |
| Substances(s) detected  |  |
| Concentrations of substances detected   |  |
| Date of monitoring/sampling   |  |

## Part B - to be submitted as soon as practicable

|  |  |
|--|--|
| Any more accurate information on the matters for notification under Part A.  |  |
| Measures taken, or intended to be taken, to prevent a recurrence of the incident   |  |
| Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission |  |
| The dates of any unauthorised emissions from the facility in the preceding 24 months.  |  |

|                  |  |
|------------------|--|
| <b>Name*</b>     |  |
| <b>Post</b>      |  |
| <b>Signature</b> |  |
| <b>Date</b>      |  |

\* authorised to sign on behalf of the operator

## Schedule 6 - Interpretation

“accident” means an accident that may result in pollution.

“annually” means once every year.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“emissions to land” includes emissions to groundwater.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2010 No.675 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations.

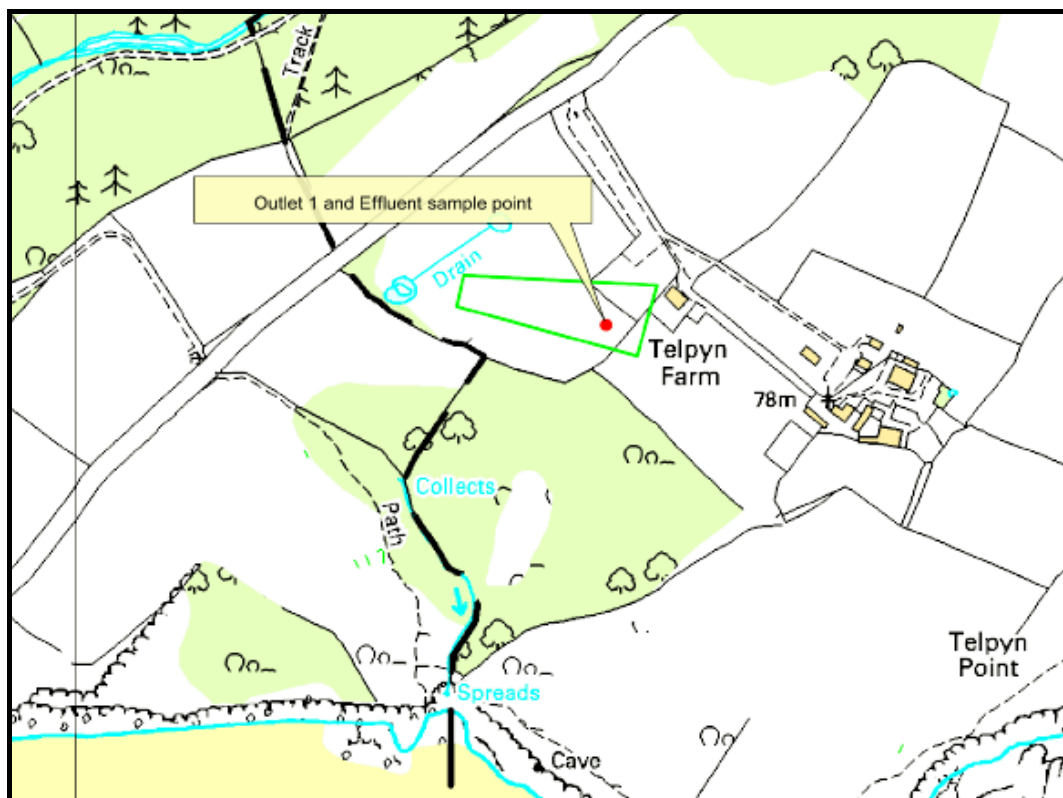
“emissions of substances not controlled by emission limits” means emissions of substances to air, water or land from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission or background concentration limit..

“groundwater” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“quarter” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“year” means calendar year ending 31 December.

## Schedule 7 - Site plan



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