

**P-WAT-B3**

**The Environmental Authorisations (Scotland) Regulations 2018 (EASR)**

**Water Permit Activity:**

**Discharge of effluent from land-based fish farms or hatcheries**

Version 1.0

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## **How to use this activity form**

Use this form to apply for:

* A **new permit** to carry out the water activity: ‘Discharge effluent from land-based fish farms or hatcheries’.
* A **variation of an existing permit** that authorises the water activity: ‘Discharge effluent from land-based fish farms or hatcheries’.
* A **variation of an existing permit** to add the water activity: ‘Discharge effluent from land-based fish farms or hatcheries’.

## Before you apply

* Read the guidance for the water activity you are applying for on the relevant activity specific page on our [website](https://www.sepa.org.uk/easr).
* Where you see the term ‘document reference’, enter the document reference(s) for the information you have provided. These must be submitted along with the completed form.
* For applications made with insufficient or inadequate information; we will return these to the applicant with an explanation of what additional information is required and may retain part of the application fee in accordance with our published charging scheme.

## Multiple activities under a single permit

We may authorise multiple activities under a single permit, but only if the activities are connected. Activities may be considered connected if they are:

* located at the same geographical location,
* part of the same project, or
* operationally linked.

If the activities are connected, you may submit a single application for multiple activitiesunder one permit.

If the activities are not connected, you must submit a separate application for each activity.

## How to apply

**Digital application service:**

The quickest and easiest way to [apply is via our digital application service](https://www.sepa.org.uk/easr) on our website.

You will need to upload:

1. Completed activity form(s)
2. Any required supporting information

**Email/Post application:**

If you cannot apply using our digital application service, you can complete and submit an application via email or by post.

* For **a new permit**, your application must include:

1. A completed APP-GEN1 form
2. Completed activity form(s)
3. Any required supporting information

* For **a variation of a permit**, your application must include:

1. A completed APP-GEN1 form
2. Completed variation form(s)
3. Completed activity form(s) if required
4. Any required supporting information

Email and postal addresses for submitting your application are included in the APP-GEN1 form.

You can download [APP-GEN1, activity forms and variation forms](https://www.sepa.org.uk/easr) from our website.

## Section 1 - Location and infrastructure

### 1.1 Location description

Please provide the name of the land-based farm or hatchery and include the address and postcode if available.

**Table 1: Location description**

| **Question** | **Answer** |
| --- | --- |
| **Facility name** (e.g. Glen Green Hatchery) |  |
| **Postal address** |  |
| **Postcode** |  |

### 1.2 Location plan

Provide a location plan showing the areas where the activity will take place.

The location plan must:

1. Clearly outline and identify the boundary of each area where the activity will occur. These areas should be referenced and once authorised, they will be known as the authorised place.
2. Be based on an Ordnance Survey (OS) map with a 1:10,000 or 1:25,000 scale.
3. Be clear and easy to read on an A4 page, avoiding unnecessary details.
4. Include the date it was created, a scale bar and a north direction indicator.

| **Document reference** |
| --- |
|  |

### 1.3 Drainage plan

If not already included on your location plan, provide a drainage plan showing:

1. The drainage layout (if applicable)
2. All discharge point(s) locations
3. Identify pollution risk areas/chemical and oil stores

| **Document reference** |
| --- |
|  |

## Section 2 - About your proposed activity

### 2.1 Non-technical summary

Provide a non-technical summary of your application, including:

* A brief overview of the proposed activity.
* The measures you will implement to control and prevent impact on the environment from the activity.

This summary may be published on our website as part of the public consultation process. Ensure it is written in simple and plain language so that all members of the public can clearly understand the details of your application.

| **Document reference** |
| --- |
|  |

### 2.2 Start date

Provide the proposed start date of the activity.

| **Start date** |
| --- |
|  |

### 2.3 Planning permission or building warrants

If you have applied for planning permission or a building warrant for the proposed development, provide the name of the local planning authority and the application reference.

**Table 2: Planning permission or building warrant details**

| **Question** | **Answer** |
| --- | --- |
| **Local planning authority** |  |
| **Planning application reference** |  |
| **Building warrant reference** |  |

### 2.4 Protected areas

Use the [NatureScot website map](https://sitelink.nature.scot/map) to check the proximity of your proposed farm to any of the following protected areas: Site of Special Scientific Interest (SSSI), Special Area of Conservation (SAC) and Special Protection Area (SPA).

#### 2.4.1 Proximity to protected areas

Is the proposed farm located in, or within 3km of an SSSI, SAC or SPA?

Yes

No

* If you answered ‘Yes’, complete the rest of Section 2.4 then continue to Section 3.
* If you answered ‘No’, proceed to Section 3.

#### 2.4.2 Consultation with NatureScot

Tell us if you have discussed your activity with NatureScot, and provide:

* Details of any mitigation actions you intend to implement to address areas of concern.
* All relevant correspondence or consents related to the proposed farm.

| **Document reference** |
| --- |
|  |

#### 2.4.3 Relevant surveys

Provide any relevant surveys conducted to establish the presence of any designated species and habitat that may be affected by the proposed farm.

| **Document reference** |
| --- |
|  |

## Section 3 - Operational details

### 3.1 Type of abstraction

Select one of the boxes below to indicate the type of water abstraction for the land-based fish farm or hatchery:

* **Marine intake**
* **Freshwater intake**
* **Groundwater intake**
* **Other**

If you selected ‘Other’, please specify below.

| **Other type of water abstraction** |
| --- |
|  |

Note: If you plan to abstract water, you must also complete a separate activity form.

Activity forms are available on the relevant activity specific page on our [website](https://www.sepa.org.uk/easr).

### 3.2 Fish species

Provide the species of fish that will be grown, including both the common name and scientific name, e.g. Atlantic salmon (*Salmo salar*).

| **Fish species** |
| --- |
|  |

### 3.3 Production details

#### 3.3.1 Planned maximum production and biomass

Provide details on the planned maximum production in tonnes per year (if applicable) and the planned maximum weight of fish (biomass) to be held at any time in tonnes.

**Table 3: Planned maximum production and biomass**

| **Question** | **Answer** |
| --- | --- |
| **Planned maximum production** (if applicable)(in tonnes per year) |  |
| **Planned maximum weight of fish to be held at any time** (in tonnes) |  |

#### 3.3.2 Stocking plan

Provide a stocking plan for the on-growing cycle based upon monthly projections, if applicable.

| **Document reference** |
| --- |
|  |

### 3.4 Fish food

#### 3.4.1 Quantity of fish food

Provide the total quantity of fish food you plan to use in a year, in tonnes.

| **Total quantity of food** (tonnes) |
| --- |
|  |

#### 3.4.2 Phosphorus and nitrogen content

Provide the phosphorus and nitrogen content of the fish food, expressed as percent composition by weight.

**Table 4: Phosphorus and nitrogen content details**

| **Question** | **Answer** |
| --- | --- |
| **Phosphorus percent composition** (% by weight) |  |
| **Nitrogen percent composition** (% by weight) |  |

### 3.5 Use of chemicals or medicines

List all chemicals or medicines you plan to use on the farm that could enter the receiving waters. This includes any substances such as therapeutants (in-feed or bath treatments), anaesthetics, disinfectants, or anti-fouling net coatings.

Provide the following details for each chemical or medicine:

* Chemicals or medicines trade name and manufacturer.
* Active ingredient.
* A copy of the manufacturer’s data sheet.
* A method statement explaining in detail the procedure used to carry out the treatment, including measures to minimise the release of chemicals or medicines into the environment.
* Maximum treatment concentration (active ingredient), where applicable.
* Number of applications typically needed for each complete treatment.
* Total quantity of active ingredient used for each treatment.
* An indication of the number of treatments which could be required over a year, assuming:

(a) optimistic conditions; and

(b) pessimistic conditions.

* Details of storage arrangements for chemicals and medicines.

| **Document reference** |
| --- |
|  |

## Section 4 - Effluent discharge

### 4.1 Discharge location

Please select one of the boxes below to confirm where the effluent will be discharged.

#### Discharge to land via full soakaway

#### Discharge to watercourse or freshwater loch (including via a partial soakaway, if required)

#### Discharge to the sea or an estuary

### 4.2 Partial soakaway

#### Will the effluent be discharged via a partial soakaway?

#### Yes

#### No

#### I ju

* If ‘Yes’, provide the soakaway area in square metres.

| **Partial soakaway area** (m2) |
| --- |
|  |

### 4.3 Receiving waters details

If the effluent will be discharged to surface waters, provide the name of the receiving waterbody (if known).

| **Name of receiving waterbody** |
| --- |
|  |

### 4.4 Effluent outfall details

Please select one of the boxes below to confirm the type of outfall where the effluent will be discharged.

* New outfall
* Alteration to an existing outfall
* Existing outfall

If you selected ‘New outfall’ or ‘Alteration to an existing outfall’, you must provide design drawings.

| **Document reference** |
| --- |
|  |

Note: If you plan to discharge effluent via a new outfall or alter an existing outfall in freshwater, you must also complete a separate activity form.

Activity forms are available on the relevant activity specific page on our [website](https://www.sepa.org.uk/easr).

### 4.5 Outfall location

Provide the National Grid Reference (NGR) of the outfall and the outfall internal diameter in millimetres.

You can use our [SEPA NGR Tool](https://map.sepa.org.uk/ngrtool/) to find the NGR. The NGR should be in one of these formats:

* 2 letters followed by 10 digits (e.g. AB 12345 67890)
* 2 letters followed by 8 digits (e.g. AB 1234 6789)

**Table 5: Outfall details**

| **Question** | **Answer** |
| --- | --- |
| **NGR** |  |
| **Outfall internal diameter** (in mm) |  |

If the discharge is from multiple outfalls, please provide the NGR points for each additional outfall in Annex 1.

### 4.6 Effluent sample collection

Provide details of the provision made for taking effluent samples (e.g. sampling chamber, automatic sampler).

| **Document reference** |
| --- |
|  |

### 4.7 Planned maximum daily discharge volume

Provide the planned maximum daily discharge volume in cubic metres per day.

| **Maximum daily discharge volume** (m3/day) |
| --- |
|  |

### 4.8 Maximum flow rate of effluent

Provide the planned maximum flow rate of effluent in litres per second?

| **Maximum flow rate of effluent** (l/s) |
| --- |
|  |

### 4.9 Effluent treatment

Provide details on how the effluent will be treated before discharge, including a description of the treatment system. This should include details of facilities such as settlement ponds or filters, along with their dimensions or the aperture size of the filter mesh.

| **Document reference** |
| --- |
|  |

### 4.10 Solid waste

Provide details on how the solid waste arising from the effluent treatment system will be handled. This should include information such as the frequency of settlement pond desludging, the treatment of backwash from filters, and the disposal method for the waste.

Note: You may need further authorisation from SEPA for the management of the waste.

| **Document reference** |
| --- |
|  |

## Section 5 - Additional information

Please provide references for any additional supporting documents submitted with this application.

| **Document reference(s)** |
| --- |
|  |

## Annex 1: Additional outfalls

If the discharge is from multiple outfalls, provide the NGR of the outfall and the outfall internal diameter in millimetres for each additional outfall. Add more entries, if needed.

**Table A1(a): Outfall details**

| **Question** | **Answer** |
| --- | --- |
| **NGR** |  |
| **Outfall internal diameter** (in mm) |  |

**Table A1(b): Outfall details**

| **Question** | **Answer** |
| --- | --- |
| **NGR** |  |
| **Outfall internal diameter** (in mm) |  |

**Table A1(c): Outfall details**

| **Question** | **Answer** |
| --- | --- |
| **NGR** |  |
| **Outfall internal diameter** (in mm) |  |

**Table A1(d): Outfall details**

| **Question** | **Answer** |
| --- | --- |
| **NGR** |  |
| **Outfall internal diameter** (in mm) |  |