

P-WAT-K1

The Environmental Authorisations (Scotland) Regulations 2018 (EASR)

Water Permit Activity:

Construction, modification, removal or operation of an impoundment

Contents

| | |
|--|----|
| How to use this activity form | 3 |
| Before you apply..... | 4 |
| Multiple activities under a single permit | 4 |
| How to apply..... | 5 |
| Section 1 - Location of the activity | 6 |
| 1.1 Location description | 6 |
| 1.2 Activity location | 6 |
| Section 2 - About your proposed activities..... | 7 |
| 2.1 Non-technical summary | 7 |
| 2.2 Protected areas..... | 7 |
| 2.3 Drawings | 10 |
| 2.4 Fish migration..... | 11 |
| 2.5 Nature of the activity | 12 |
| Section 3 - Operation of an existing impoundment | 13 |
| 3.1 Impoundment details..... | 13 |
| 3.2 Operating regime | 13 |
| Section 4 - Construction and operation of a new impoundment | 14 |
| 4.1 Justification | 14 |
| 4.2 Impoundment details..... | 14 |
| 4.3 Sediment management | 14 |
| 4.4 Operating regime | 15 |
| 4.5 Maintenance | 15 |
| Section 5 - Modification of an existing impoundment (including partial removal)..... | 16 |
| 5.1 Justification | 16 |
| 5.2 Impoundment details..... | 16 |

| | |
|---|----|
| 5.3 Sediment management | 18 |
| 5.4 Operating regime | 18 |
| 5.5 Maintenance | 18 |
| Section 6 - Construction works | 20 |
| 6.1 Timing and protection of fish | 20 |
| 6.2 Mitigation..... | 22 |

If you would like this document in an accessible format, such as large print, audio recording or braille, please contact SEPA by emailing equalities@sepa.org.uk

How to use this activity form

Use this form to apply for:

- a **new permit** to carry out one of the types of activities below.
- a **variation of an existing permit** that authorises one of the types of activities below.
- a **variation of an existing permit** to add one of the types of activities below.

This form covers the following **types of activities**:

- The construction and operation of any new impoundment in inland surface waters or wetland, not associated with an abstraction.
- The operation of an impoundment in inland waters or wetlands constructed before 1 April 2006 that cannot comply with the General Binding Rule (GBR) or registration activity description or standard conditions.
- The operation of an impoundment in coastal or transitional waters.
- The modification of an impoundment in inland surface waters or wetlands.
- The removal of an impoundment in inland surface waters or wetlands.
- The removal of an impoundment that was part of a hydropower scheme.

If you wish to apply for **more than one impoundment activity**, you must complete and submit a separate activity form for each impoundment activity.

Note: Any other activities (e.g. bank works, in-stream structures) associated with the impoundment may require a separate engineering authorisation.

Before you apply

- Read the guidance for the water activity you are applying for on the relevant activity specific page on our [website](#).
- Where relevant, read our guidance document [WAT-G-042: Impoundment alterations \(removal and modifications\)](#) for more information.
- When you see the term ‘document reference’, please include the corresponding document reference(s) and submit them 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 activities under 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](#) 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](#) from our website.

Section 1 - Location of the activity

1.1 Location description

Please provide the following information about the location.

Table 1: Location description

| Question | Answer |
|--|---------------------------------------|
| Location description (e.g. Alba Paper Mill, Old Garden Cottage) | Weir Repairs to Stanley Mill Weir |
| Address | Stanley Mills, Perth, Perth & Kinross |
| Postcode | PH1 4QE |
| National Grid Reference (NGR) (At least 2 letters followed by 8 digits, e.g. AB 1234 6789. You can use our SEPA NGR Tool to find your NGR.) | NO11743325 |

1.2 Activity location

Please provide the name of the waterbody and the NGR for the impoundment location.

You can use our [SEPA NGR Tool](#) 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 2: Impoundment location

| Question | Answer |
|---|--------------|
| Name of waterbody (e.g. watercourse or loch) | River Tay |
| NGR | NO 1174 3325 |

Section 2 - About your proposed activities

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

Stanley Mills – Non Technical Summary - Weir Repairs

2.2 Protected areas

Use the [NatureScot website map](#) to check the proximity of your proposed works to any of the following protected area: Site of Special Scientific Interest (SSSI), Special Area of Conservation (SAC) and Special Protection Area (SPA).

2.2.1 Proximity to protected areas

Is there any SSSI, SAC or SPA located less than 500m downstream, or in the catchment upstream, of the impoundment and associated works?

Yes

No

- If you answered 'Yes', proceed to Section 2.2.2.
- If you answered 'No', proceed to Section 2.3.

2.2.2 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 works and any associated construction works.

Document reference

Discussions have been held with NatureScot and a separate application for a licence to carry out this works has been submitted due to the recorded presence of [REDACTED] within the Tay catchment. This details the mitigation measures proposed.

Application Doc Ref Stanley Mills – NatureScot Licence Application Form

2.2.3 Relevant surveys

Please provide any relevant surveys conducted to establish the presence of any designated species and habitat that may be affected by the proposed works and any associated construction works.

Document reference

[REDACTED]

2.2.4 Measures to ensure no impact

Please provide details of measures to be implemented to ensure the proposed works and any associated construction works, will have no adverse impact upon the protected area(s).

Document reference

[REDACTED]

2.2.5 Environmental Impact Assessment (EIA)

If you answered 'Yes' in Section 2.2.1, is an EIA required for the proposed works?

Yes

No

2.3 Drawings

Please provide drawings showing the impoundment. Where the application is for the modification of an impoundment, please provide drawings showing the existing impoundment and proposed changes.

You must include the following types of drawings:

1. Plan view;
2. Cross section;
3. Long section.

Each drawing type must include:

1. All dimensions;
2. Details of the bed material;
3. Indicative water levels at high, mean and low flows;
4. Slope and dimensions of the channel.

Drawings must include details, as relevant, on:

- Any screens;
- Scour values;
- Mitigation structures (including orifices, v-notches or spillways);
- Plunge pools;
- Fish pass.

Drawings must be clear and easy to read on an A4 page, avoiding unnecessary details.

The drawings must include a defined scale, the date it was created, and version number.

Drawing reference(s)

Drawing Ref - SHPP STANLEY MILLS – EMERGENCY REPAIRS – GROUND PLAN & SECTIONS

2.4 Fish migration

If this application is not for the removal of an impoundment, please provide details of any fish pass designs, plunge pool, fish habitat surveys, fish migration measures and fish protection mitigation.

This must include:

- The fish species and life stages for which passage is being provided and over what flow ranges.
- Details of any fish pass to be installed to provide upstream and downstream passage.
- Details of any associated screens, flow management measures and/or sediment management features linked to the impoundment.

Document reference

Stanley Mills – Fish Migration – Weir Repairs

2.5 Nature of the activity

Please select one of the boxes below to indicate the nature of the activity and then complete the relevant section(s).

| | |
|---|-------------------------------------|
| Operation of an existing impoundment (Complete Section 3) | <input type="checkbox"/> |
| Construction and operation of a new impoundment (Complete Sections 4 and 6) | <input type="checkbox"/> |
| Modification of an existing impoundment (including partial removal) (Complete Sections 5 and 6) | <input checked="" type="checkbox"/> |
| Full removal of an existing impoundment (Complete Section 6) | <input type="checkbox"/> |

Section 3 - Operation of an existing impoundment

3.1 Impoundment details

Please complete Table 3 with the relevant details of the existing impoundment.

Table 3: Impoundment details

| Question | Answer |
|---|--------|
| Maximum height of impoundment (m) | |
| Total volume of impounded water (m³) | |
| Level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure) | |
| Minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down) | |

3.2 Operating regime

Please provide information on the operation of the impoundment, including any flow management measures or sediment management features linked to the impoundment.

If applicable, please provide details of any fish pass designs, plunge pool, fish migration measures, or fish protection mitigation. This should include:

- The fish species and life stages for which passage is being provided and over what flow ranges.
- Details of any associated screens.
- Photographs of the impoundment and any associated screens or fish pass.

Document reference

| |
|--|
| |
|--|

Section 4 - Construction and operation of a new impoundment

4.1 Justification

Please provide a justification for the construction of the new impoundment.

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

4.2 Impoundment details

Please complete Table 4 with the relevant details of the impoundment.

Table 4: Impoundment details

| Question | Answer |
|---|--------|
| Maximum height of impoundment (m) | |
| Total volume of impounded water (m³) | |
| Can the height of the impoundment be varied? (Yes/No) | |
| Level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure) | |
| Minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down) | |

4.3 Sediment management

Provide the following information about sediment management at the impoundment:

- The type of sediment management activity.
- Where each sediment management activity will be carried out.
- How often each sediment management activity will take place.

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

4.4 Operating regime

Provide information on the operation of the impoundment, including:

- Volumes of compensation flows
- Freshet volumes and times of release
- Periods of drawdown
- Frequency of water level fluctuations
- Any increased inundation or habitat loss

Document reference

4.5 Maintenance

Provide information on maintenance of the impoundment, including:

- Operation of scour valves
- Debris clearance
- Fish pass maintenance
- Any other maintenance that may impact the water environment

Document reference

Section 5 - Modification of an existing impoundment (including partial removal)

5.1 Justification

Please provide a justification for the modification of the existing impoundment (e.g. alteration of height, partial removal, addition of a fish pass, other works).

Document reference

The works serves to repair storm damage to the weir only. It does not seek to change what has previously existed in any way.

5.2 Impoundment details

Please complete Table 5 with the details of the existing impoundment and proposed changes.

Table 5: Impoundment details

| Question | Answer |
|--|----------------------|
| Existing height of impoundment (m) | Varies. Approx 2m |
| Proposed new height of impoundment (m) | Unchanged |
| Existing total volume of impounded water (m ³) | N/A |
| Proposed new total volume of impounded water (m ³) | Unchanged |
| Can the height of the impoundment be varied? (Yes/No) | No |
| Existing level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure) | 21.75 |
| Proposed new level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure) | 21.75 |
| Existing minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down) | N/A |
| Proposed minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down) | N/A |

5.3 Sediment management

Provide the following information about sediment management at the impoundment:

- The type of sediment management activity.
- Where each sediment management activity will be carried out.
- How often each sediment management activity will take place.

Document reference

The works seeks to restore the weir to its original configuration only. Sediment management will consequently return to as previously once the work is completed restoring the habitat which houses, amongst others, [REDACTED] as detailed in the Ecology Report and our application to NatureScot.

5.4 Operating regime

Provide information on the operation of the impoundment, including:

- Volumes of compensation flows
- Freshet volumes and times of release
- Periods of drawdown
- Frequency of water level fluctuations
- Any increased inundation or habitat loss

Document reference

This remains unchanged from the current CAR Licence Ref CAR/L/1012134

5.5 Maintenance

Provide information on maintenance of the impoundment, including:

- Operation of scour valves
- Debris clearance
- Fish pass maintenance
- Any other maintenance that may impact the water environment

Document reference

Ref. current CAR licence Ref CAR/L/101234

Section 6 - Construction works

6.1 Timing and protection of fish

6.1.1 Timing of works

Will the activity and any associated construction works take place between 1 October to 31 May?

Yes

No

- If you answered 'Yes', proceed to Section 6.1.2.
- If you answered 'No', proceed to Section 6.2.

6.1.2 Type of construction works

If you answered 'Yes' in Section 6.1.1, please select the relevant box(es) for the types of construction works that will be carried out.

| | |
|---|-------------------------------------|
| • Working in the wetted part of a watercourse or loch | <input checked="" type="checkbox"/> |
| • Machinery entering the watercourse (including for access) | <input checked="" type="checkbox"/> |
| • Installing a temporary crossing | <input type="checkbox"/> |
| • Full or partial isolation of the channel | <input type="checkbox"/> |
| • Temporary diversion or over pumping | <input type="checkbox"/> |
| • Blasting/vibration or impact piling | <input type="checkbox"/> |
| • Using artificial lighting at night | <input type="checkbox"/> |

6.1.3 Protecting fish

If you selected any of the boxes in Section 6.1.2, you must submit a report which assesses the risk to fish and fish spawning. Read our [guidance on protecting fish](#) for more information.

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

6.2 Mitigation

Please provide details of all proposed mitigation to minimise the impact of the works on the water environment. This includes details on the timing, methods and controls for the proposed works and all associated construction works.

Please provide any details on fish habitat surveys, fish migration measures and fish protection mitigation.

| Document reference |
|--|
| <div style="background-color: black; width: 100px; height: 15px;"></div> |