Scottish Environment Protection Agency
Buidheann Dìon Àrainneachd na h-Alba

For the future of our environment

P-WAT-WR2

The Environmental Authorisations (Scotland) Regulations 2018 (EASR)

Water Permit Activity:

Abstraction from inland surface water of more than 50m^3 per day and any new associated impoundments, for a hydropower scheme

Version 1.0
August 2025

Contents

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 on the water activity: 'Abstraction of water from inland surface water of more than 50m^3 per day and any associated impoundments, necessary for the operation of a hydropower scheme'.
- A **variation of an existing permit** that authorises the water activity: 'Abstraction of water from inland surface water of more than 50m^3 per day and any associated impoundments, necessary for the operation of a hydropower scheme'.
- A **variation of an existing permit** to add the water activity: 'Abstraction of water from the water environment of more than 50m^3 per day and any associated impoundments, necessary for the operation of a hydropower scheme'.

This form covers the **following activities** necessary for the operation of a hydropower scheme:

- Abstraction of water from inland surface waters where the total daily volume is more than 50m^3.
- Construction, modification or operation of any associated impoundment in inland surface water.

Do not use this form if you are applying for:

- Abstractions or impoundments that are not for the operation of a hydropower scheme.
- The removal of an impoundment associated with a hydropower scheme.

Note: Any other activities (e.g. bank works, installation of an outfall) associated with the operation of the hydropower scheme may require a separate engineering authorisation.

Before you apply

- Read relevant guidance and find details on hydrological information, fish and fish habitat, and protected areas and species on the relevant activity specific page on our website.
- 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.
- If your application is for a run-of-river hydropower scheme, please submit the 'screening outcome form' available in our 'guidance for developers of run-of-river hydropower schemes'.

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

Please provide the following information about the location.

Table 1: Location description

Question	Answer
Location description (e.g. Green Hill Estate)	Beinn Ime Hydropower
Address	Rest and Be Thankful, Argyll and Bute
Postcode	G83 7AS
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.)	NN 2458 0882

Section 2 - About your proposed activities

2.1 Non-technical summary

Please provide a non-technical summary of your application, including a brief overview of the proposed activities, the process that will be carried out and how you intend to mitigate and, if possible, remedy significant adverse effects on the water environment.

Your summary should include:

- An overview of the activities locations and how they are linked.
- A site map or plan showing all activities, locations, and any protected sites.
- The cumulative total lengths of all affected watercourses, and the distance between intakes and return locations.
- A description of the need for the water and its intended use.
- Details of where and how much water will be returned to the water environment.
- Measures to prevent the spread of an invasive non-native species.
- The volumes and rates of the return of water to the water environment.
- Any limits on the rate, volume or time when water can be abstracted.
- Fish and fish habitat surveys, and any other relevant site surveys, as specified in our hydropower guidance.

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
Beinn Ime Hydro Design & Construction V2.docx

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

Question A: Are any proposed abstractions located in, or within 500m of an SSSI, SAC or SPA?

Yes ☐

No ☒

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

Yes ☐

No ☒

- If you answered 'Yes' to Question A and/or Question B, proceed to Section 2.2.2.
- If you answered 'No' to both Question A and Question B, 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
Beinn Ime Hydro Design & Construction V2.docx

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
CC0953 Allt Beinn Ime Bryophyte Survey.pdf CC0953 Allt Beinn Ime_Extended_Phase_1_Report.pdf

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
Beinn Ime Hydro Design & Construction V2.docx

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 any 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:

- All dimensions;
- Details of the bed material;
- Indicative water levels at high, mean and low flows;
- 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)


Intake D.pdf


Intake D V2.pdf


Intake C.pdf


Intake C V2.pdf


Intake B pt2.pdf


Intake B pt2 V2.pdf


Intake B pt1.pdf


Intake A pt2.pdf


Intake A pt1.pdf

2.4 Fish migration

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
Beinn Ime Hydro Design & Construction V2.docx

2.5 Pre-application public engagement

Pre-application public consultation is required for pump storage hydropower schemes and hydropower schemes with more than 24 hours storage.

Before submitting your application for these activities, you must engage with the community to find out the views of those likely to be affected by the proposed activity and to gather relevant information about the potential impacts of the proposed activity.

Provide evidence of the engagement carried out and share the feedback received.

Document reference(s)
N/A

Section 3 - Hydropower scheme

3.1 Hydropower scheme details

- If you are applying for a new hydropower scheme, please complete Section 3.1.1.
- If you are applying for a variation to an existing permit for a hydropower scheme, please complete Section 3.1.2.

3.1.1 New hydropower scheme

If you are applying for a new hydropower scheme, please provide the following details about the hydropower scheme.

Table 2: New hydropower scheme details

Question	Answer
Head of water (H) (maximum available vertical fall in the water, from the upstream level to the downstream level) (metres)	248m
Design flow (Q) (Q mean of water through the turbine) (m^3/sec)	0.222
Type of turbine	Pelton
Estimated installed efficiency of turbine	83%
Installed maximum power generation of scheme (kW)	428

3.1.2 Existing hydropower scheme

If you are applying to vary an existing permit for a hydropower scheme, please provide details in Table 3 for the existing hydropower scheme and the proposed hydropower scheme.

Table 3: Existing and proposed hydropower scheme details

Parameter	Existing hydropower scheme	Proposed hydropower scheme
Head of water (H) (Maximum available vertical fall in the water, from the upstream level to the downstream level) (metres)		
Design flow (Q) (Q mean of water through the turbine) (m^3/sec)		
Type of turbine		
Estimated installed efficiency of turbine		
Installed maximum power generation of scheme (kW)		

3.2 Sediment management

Provide the following information about sediment management at each 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
Beinn Ime Hydro Design & Construction V2.docx

3.3 Operating regime

Please provide information, where relevant, on the operating regime, including:

- Operation of any variable weirs
- 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
Beinn Ime Hydro Design & Construction V2.docx

3.4 Start date/Implentation date

Please provide the proposed start date of a new hydropower scheme or the date when any changes to an existing hydropower scheme will be implemented.

Start date/ Implementation date
April / May 2026

3.5 Management agreements

Where there is a management agreement in place controlling the operation of any impoundments or any abstractions, please provide a copy of the document.

Document reference
Beinn Ime Hydro Design & Construction V2.docx

3.6 Monitoring information

Please provide information on how the rate of abstraction will be monitored at each abstraction location.

Document reference
Beinn Ime Hydro Design & Construction V2.docx

3.7 Nature of the activity

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

Construction and operation of a new hydropower scheme ☒

(Complete Sections 4, 5 and 6)

Add or change abstraction activities ☐

(Complete Sections 4 and 6)

Add or modify impoundment activities ☐

(Complete Sections 5 and 6)

Section 4 - Abstraction activities

4.1 Total cumulative rates of abstraction

- If you are applying for a new hydropower scheme, please complete Section 4.1.1.
- If you are applying for a variation to an existing permit to add or change abstraction activities, please complete Section 4.1.2.

4.1.1 New hydropower scheme - Total cumulative rates of abstraction

If you are applying for a new hydropower scheme, please provide details of the total cumulative volumes of water abstracted from all abstraction locations.

Table 4: Abstraction volumes

Question	Answer
Maximum volume per hour (m^3)	799
Maximum volume per day (m^3)	19,181
Maximum volume per year (m^3)	7,000,000

4.1.2 Add or change abstraction activities - Total cumulative rates of abstraction

If you are applying to vary an existing permit to add or change abstraction activities, please provide details of the existing and proposed total cumulative volumes of water that will be abstracted from all abstraction locations.

Table 5: Existing and proposed abstraction volumes

Parameter	Existing total cumulative rates of abstraction	Proposed total cumulative rates of abstraction
Maximum volume per hour (m^3)		
Maximum volume per day (m^3)		
Maximum volume per year (m^3)		

4.2 Abstraction locations

Please provide details for each new abstraction location and for any existing location where a change to abstraction is proposed.

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)

Where relevant, ensure that the same references (e.g. Main intake, Intake 1, Intake 2) used in this section are also used in Sections 5.1 - Impoundment locations and details.

Complete a table for each new abstraction location or each location where an abstraction is proposed to change. You can include details for up to two abstraction locations in this section. Additional abstraction locations can be provided in Annex 1.

Table 6(a): Abstraction 1 - Location and details

Question	Answer
Reference (e.g. Main intake)	Main Intake (Intake A)
Name of watercourse or loch	Beinn Ime
NGR (e.g. AB 12345 67890 or AB 1234 6789)	NN 24619 08752
Maximum rate of abstraction (m^3/day)	12,182
Type of structure (e.g. Coanda intake weir)	Coanda intake weir
Screen spacing (mm) (if applicable)	1.0mm slot gap
Hands off flow and equivalent flow percentile (e.g. 10m^3/day at Qn95)	0.012m3/s (Q90)
Mitigation delivery method (e.g. V notch, orifice)	V notch
Flow downstream that will be delivered and its equivalent percentile (when flow upstream is Qn30) (e.g. 20m^3/day, equivalent to Qn80)	0.017m3/s (Q80)

Table 6(b): Abstraction 2 - Location and details

Question	Answer
Reference (e.g. Main intake)	Intake B
Name of watercourse or loch	Beinn Ime
NGR (e.g. AB 12345 67890 or AB 1234 6789)	NN 24581 09080
Maximum rate of abstraction (m^3/day)	4,147
Type of structure (e.g. Coanda intake weir)	Coanda intake weir
Screen spacing (mm) (if applicable)	1.0mm slot gap
Hands off flow and equivalent flow percentile (e.g. 10m^3/day at Qn95)	0.004m3/s (Q90)
Mitigation delivery method (e.g. V notch, orifice)	V notch
Flow downstream that will be delivered and its equivalent percentile (When flow upstream is Qn30) (e.g. 20m^3/day, equivalent to Qn80)	0.006m3/s (Q80)

Abstraction 3

Question	Answer
Reference (e.g. Main intake)	Intake C
Name of watercourse or loch	Beinn Ime
NGR (e.g. AB 12345 67890 or AB 1234 6789)	NN 24651 08905
Maximum rate of abstraction (m^3/day)	648
Type of structure (e.g. Coanda intake weir)	Coanda intake weir
Screen spacing (mm) (if applicable)	1.0mm slot gap
Hands off flow and equivalent flow percentile	0.001m3/s (Q90)

Question	Answer
(e.g. 10m^3/day at Qn95)	
Mitigation delivery method (e.g. V notch, orifice)	V notch
Flow downstream that will be delivered and its equivalent percentile (When flow upstream is Qn30) (e.g. 20m^3/day, equivalent to Qn80)	0.0021m3/s (~Q65)

Abstraction 4

Question	Answer
Reference (e.g. Main intake)	Intake D
Name of watercourse or loch	Beinn Ime
NGR (e.g. AB 12345 67890 or AB 1234 6789)	NN 24643 08949
Maximum rate of abstraction (m^3/day)	2,203
Type of structure (e.g. Coanda intake weir)	Coanda intake weir
Screen spacing (mm) (if applicable)	1.0mm slot gap
Hands off flow and equivalent flow percentile (e.g. 10m^3/day at Qn95)	0.0021m3/s (Q90)
Mitigation delivery method (e.g. V notch, orifice)	V notch
Flow downstream that will be delivered and its equivalent percentile (When flow upstream is Qn30) (e.g. 20m^3/day, equivalent to Qn80)	0.0055m3/s (~Q65)

4.3 Return structures

4.3.1 Return locations

Please provide details for each location where water is returned to the water environment. Complete a table for each return location.

Table 7(a): Return 1 - Location details

Question	Answer
Description or reference (e.g. turbine tailrace)	Turbine tailrace
Name of watercourse or loch	Beinn Ime
NGR	NN 23775 09446
Type of return (e.g. pipe, cascade, channel)	Pipe and channel
Will the return have a screen? (Yes/No)	Yes
Volume per day (m^3/day)	19,181
Percentage of abstracted water that will be returned at this location (%)	100%

Table 7(b): Return 2 - Location details

Question	Answer
Description or reference (e.g. turbine tailrace)	
Name of watercourse or loch	
NGR	
Type of return (e.g. pipe, cascade, channel)	
Will the return have a screen? (Yes/No)	
Volume per day (m^3/day)	
Percentage of abstracted water that will be returned at this location (%)	

4.3.2 Return structure design

Please provide a drawing of each return structure. Where the application is for the modification of an existing return structure, please provide drawings showing both the existing structure and the proposed changes.

You must include the following types of drawings:

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

Each drawing type must include:

- All dimensions;
- Details of the bed material;
- Indicative water levels at high flows and low flows;
- Slope and dimensions of the channel.

Drawings must include details, as relevant, on any:

- Any screens;
- Baffles;
- Erosion protection measures; or
- Plunge pools.

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)
Included in “Powerhouse Design”

Section 5 - Impoundment activities

5.1 Impoundment location and details

- If you are applying for a new hydropower scheme, please complete Section 5.1.1.
- If you are applying for a variation to an existing permit for a hydropower scheme to add or modify impoundment activities, please complete Section 5.1.2.

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)

Where relevant, ensure that the same references (e.g. Main intake, Intake 1, Intake 2) used in this section are also used in Sections 4.2 - Abstraction locations.

5.1.1 New hydropower scheme - Impoundment location and details

If you are applying for a new hydropower scheme, please provide details for each impoundment location.

Complete a table for each impoundment location. You can include details for up to two impoundment locations in this section.

Additional impoundment locations can be provided in Annex 2.

Table 8(a): Impoundment 1 - Location and details

Question	Answer
Reference (e.g. Main intake)	Main Intake (Intake A)
Name of watercourse or loch	Beinn Ime
NGR	NN 24619 08752
Maximum height of impoundment (m)	2.075
Total volume of impounded water (m^3)	Negligible
Can the height of the impoundment be varied? (Yes/No)	Yes
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)	No drawdown

Table 8(b): Impoundment 2 - Location and details

Question	Answer
Reference (e.g. Main intake)	Intake B
Name of watercourse or loch	Beinn Ime
NGR	NN 24581 09080
Maximum height of impoundment (m)	1.075
Total volume of impounded water (m^3)	Negligible
Can the height of the impoundment be varied? (Yes/No)	Yes
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)	No drawdown

Impoundment 3

Question	Answer
Reference (e.g. Main intake)	Intake C
Name of watercourse or loch	Beinn Ime
NGR	NN 24651 08905
Maximum height of impoundment (m)	0.897
Total volume of impounded water (m^3)	Negligible
Can the height of the impoundment be varied? (Yes/No)	Yes
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)	No drawdown

Impoundment 4

Question	Answer
Reference (e.g. Main intake)	Intake D
Name of watercourse or loch	Beinn Ime
NGR	NN 24643 08949
Maximum height of impoundment (m)	0.897
Total volume of impounded water (m^3)	Negligible
Can the height of the impoundment be varied? (Yes/No)	Yes
Level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	

Question	Answer
Minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	No drawdown

5.1.2 Add or modify impoundment activities - Impoundment location and details

If you are applying to vary an existing permit for a hydropower scheme to add or modify impoundment activities, please provide details for each impoundment that will be added or modified.

Complete a table for each new impoundment location or each location where an impoundment is proposed to be modified. You can include details for up to two impoundment locations in this section. Additional impoundment locations can be provided in Annex 3.

Table 9(a): Impoundment 1 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR	
Existing height of impoundment (m)	
Proposed new height of impoundment (m)	
Existing total volume of impounded water (m^3)	
Proposed new total volume of impounded water (m^3)	
Can the height of the impoundment be varied? (Yes/No)	
Existing level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	

Question	Answer
Proposed new level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	
Existing minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	
Proposed minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	

Table 9(b): Impoundment 2 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR	
Existing height of impoundment (m)	
Proposed new height of impoundment (m)	
Existing total volume of impounded water (m^3)	
Proposed new total volume of impounded water (m^3)	
Can the height of the impoundment be varied? (Yes/No)	
Existing level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	
Proposed new level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	
Existing minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	
Proposed minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	

5.2 Construction works

5.2.1 Start date

Please provide the proposed start date for construction or modification of the impoundment(s) and any associated construction works.

Start date
April / May 2026

5.2.2 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', please proceed to Section 5.2.3.
- If you answered 'No', please proceed to Section 5.2.5.

5.2.3 Type of construction works

If you answered 'Yes' in Section 5.2.2, 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 ☐
- Machinery entering the watercourse (including for access) ☐
- Installing a temporary crossing ☐
- Full or partial isolation of the channel ☐
- Temporary diversion or over pumping ☐
- Blasting/vibration or impact piling ☐
- Using artificial lighting at night ☐

5.2.4 Protecting fish

If you selected any of the boxes in Section 5.2.3, 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
Beinn Ime Hydro Design & Construction V2.docx

5.2.5 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
Beinn Ime Hydro Design & Construction V2.docx

Section 6 - Additional information

Please provide references for any additional supporting documents submitted as part of this application.

Document reference(s)

Annex 1 - Additional abstraction locations

Complete a table for each new abstraction location or each location where an abstraction is proposed to change. Please copy and add additional tables as necessary.

Table A1(a): Abstraction 3 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR (e.g. AB 12345 67890 or AB 1234 6789)	
Maximum rate of abstraction (m^3/day)	
Type of structure (e.g. Coanda intake weir)	
Screen spacing (mm) (if applicable)	
Hands off flow and equivalent flow percentile (e.g. 10m^3/day at Qn95)	
Mitigation delivery method (e.g. V notch, orifice)	
Flow downstream that will be delivered and its equivalent percentile (when flow upstream is Qn30) (e.g. 20m^3/day, equivalent to Qn80)	

Table A1(b): Abstraction 4 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR (e.g. AB 12345 67890 or AB 1234 6789)	
Maximum rate of abstraction (m^3/day)	
Type of structure (e.g. Coanda intake weir)	
Screen spacing (mm) (if applicable)	
Hands off flow and equivalent flow percentile (e.g. 10m^3/day at Qn95)	
Mitigation delivery method (e.g. V notch, orifice)	
Flow downstream that will be delivered and its equivalent percentile (when flow upstream is Qn30) (e.g. 20m^3/day, equivalent to Qn80)	

Annex 2 - New hydropower scheme - Additional impoundment locations

Complete a table for each impoundment location. Please copy and add additional tables as necessary.

Table A2(a): Impoundment 3 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR	
Maximum height of impoundment (m)	
Total volume of impounded water (m^3)	
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)	

Table A2(b): Impoundment 4 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR	
Maximum height of impoundment (m)	
Total volume of impounded water (m^3)	
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)	

Annex 3 - Existing hydropower scheme – Additional or modified impoundment locations

Complete a table for each impoundment that will be added or modified. Please copy and add additional tables as necessary.

Table A3(a): Impoundment 3 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR	
Existing height of impoundment (m)	
Proposed new height of impoundment (m)	
Existing total volume of impounded water (m^3)	
Proposed new total volume of impounded water (m^3)	
Can the height of the impoundment be varied? (Yes/No)	
Existing level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	
Proposed new level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	
Existing minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	
Proposed minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	

Table A3(b): Impoundment 4 - Location and details

Question	Answer
Reference (e.g. Main intake)	
Name of watercourse or loch	
NGR	
Existing height of impoundment (m)	
Proposed new height of impoundment (m)	
Existing total volume of impounded water (m^3)	
Proposed new total volume of impounded water (m^3)	
Can the height of the impoundment be varied? (Yes/No)	
Existing level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	
Proposed new level of the overflow or crest of the impoundment (metres AOD) (where this is different to the height of the impoundment structure)	
Existing minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	
Proposed minimum draw-off level (metres AOD) (where there is a means of drawing the impounded water down)	