

Trade Effluent Discharge Permit

Coire Glas Pumped Storage Hydro – Exploratory Works

CAR/L/5003855

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Every day SEPA works to protect and enhance Scotland's environment, helping communities and businesses thrive within the resources of our planet.



We call this **One Planet Prosperity**

Introduction

This introduction is not part of the authorisation.

Authorisations

Who we are: The Scottish Environment Protection Agency (SEPA) is a non-departmental public body of the Scottish Government. Our purpose is to deliver environmental protection and improvement in ways that, as far as possible, also create health and wellbeing benefits and sustainable economic growth.



Why we issue authorisations: SEPA is responsible for preventing or controlling pollution and improving the environment. One of the tools available to SEPA is the authorisation of activities that present environmental risk. Authorisations give permission for these activities to occur and set conditions that the activities must be comply with.

When we issue authorisations: SEPA will issue an authorisation following our determination of an application, when satisfied that the authorised person has put in place measures to protect the environment and is capable of carrying out activities in line with the conditions of an authorisation.

Changes to authorisations: SEPA can amend, suspend or revoke an authorisation in response to changes in legislation, the activities undertaken or authorisation holder performance.

Compliance and enforcement: SEPA Officers may undertake monitoring and inspections to assess compliance with authorisation conditions. All authorisations and inspection reports are publicly available. If an authorised person fails to comply with an authorisation, SEPA may take enforcement action in line with our enforcement policy and guidance.

General information:

Address:	Coire Glas Pumped Storage Hydro – Exploratory Works Land off the Great Glen Way Kilfinnan Inverness-shire PH34 4DZ
Description of authorised activities:	The discharge of effluent from tunnel construction and concrete batching plant to the water environment.
Environmental risks SEPA has regulatory powers to control:	Pollution of the water environment due to the discharge of trade effluent.

Notice: Grant of Authorisation

This authorisation has been granted by the Scottish Environment Protection Agency (SEPA) in exercise of its powers under:

Regulation 8 of the Water Environment (Controlled Activities) (Scotland) Regulations 2011 (“the Regulations”).

Authorisation Number:	CAR/L/5003855
Authorised Person:	Strabag UK 12905017 The Tower 65 Buckingham Gate London SW1E 6AS
Date of Authorisation:	21/04/2023
Authorised Activities:	The discharge of trade effluent from tunnel construction and concrete batching plant to the water environment.
Authorised Place:	Coire Glas Pumped Storage Hydro – Exploratory Works Land off the Great Glen Way Kilfinnan Inverness-shire PH34 4DZ as further detailed in this authorisation.
Conditions applicable to this authorisation:	The conditions contained in the schedules of this authorisation. Terms used in this authorisation are, unless otherwise specified, defined in the Interpretation of Terms schedule.

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Schedule 1: The Authorised Person and Activities

Purpose: This schedule places responsibility on the authorised person to ensure compliance with the conditions of this authorisation and details the activities that can be carried out.

1.1 Duty of Authorised Person

1.1.1 The authorised person must ensure compliance with the conditions of this authorisation.

1.2 Authorised Activities

1.2.1 The authorised activities are the discharge of trade effluent from:

- (a) tunnel construction; and
- (b) a concrete batching plant

to the water environment from the Coire Glas Hydro exploratory works.

Schedule 2: Discharge to the Water Environment

Purpose: This schedule contains details of the discharge locations and places limits on the discharge. Where required, details of sampling locations will be included in this schedule.

2.1 Outfall & Sample Points

2.1.1 The discharge outfall(s) and sample point(s) must be at the location(s) specified in Table 1.

Table 1 Outfall Location(s)

Activity	Discharge to	Outfall NGR	Sample Point NGR
Discharge of Tunnel construction effluent	Loch Lochy	NN 2545 9327	NN 2530 9335
Discharge of concrete batching plant effluent	Loch Lochy	NN 2545 9327	NN 2530 9335

2.2 Tunnel construction effluent

2.2.1 The discharge of effluent shall not exceed a maximum daily volume of 864 cubic metres.

2.2.2 Any instantaneous sample of effluent must not exceed 80mg/l of Suspended Solids.

2.2.3 Any instantaneous sample of effluent must not exceed 1mg/l of Ammoniacal Nitrogen (as N).

2.2.4 Any instantaneous sample of effluent must not exceed 8mg/l of Total Iron.

2.2.5 Any instantaneous sample of effluent must have a pH no less than 5 and no greater than 9.

2.2.6 The treatment system, including sample point(s) and outfall pipe(s) must be maintained so that they operate in good working order.

2.2.7 An alarm system must be provided and maintained to ensure visible and/or audible notification of a failure or breakdown of the treatment plant.

2.3 Concrete batching plant effluent discharge limits

- 2.3.1 The discharge of effluent shall not exceed a maximum daily volume of 20 cubic metres.
- 2.3.2 Any instantaneous sample of effluent must not exceed 80 mg/l of Suspended Solids.
- 2.3.3 Any instantaneous sample of effluent must not exceed 8mg/l of Total Iron.
- 2.3.4 Any instantaneous sample of effluent must have a pH no less than 5 and no greater than 9.
- 2.3.5 The treatment system, including sample point(s) and outfall pipe(s) must be maintained so that they operate in good working order.
- 2.3.6 An alarm system must be provided and maintained to ensure visible and/or audible notification of a failure or breakdown of the treatment plant.

2.4 Environmental impacts

- 2.4.1 The discharge(s) of effluent must not have a significant impact on the water environment as a result of:
- (a) iridescence/sheen;
 - (b) discolouration;
 - (c) deposition of solids;
 - (d) increased foaming; and
 - (e) microbiological growth.
- 2.4.2 Other than as specifically authorised, the authorised activities must not cause environmental harm.

Schedule 3: Environmental Events

Purpose: This schedule requires the cessation, prevention and reporting of any potentially polluting event that may arise from the authorised activities.

3.1 Notification of SEPA

3.1.1 SEPA must be notified via its pollution hotline contact telephone number as soon as reasonably practicable, and in any case within 24 hours of identification of an event, of any of the following:

- (a) An event that has caused or could cause adverse impact to the environment or harm to human health;
- (b) An event that results, or could result, in an emission to the environment that is not authorised;
- (c) An event that has caused a breach of a condition of this authorisation.

In this condition, the meaning of 'event' is as defined in the Interpretation of Terms in schedule 5 of this authorisation.

3.2 Management of the Event

3.2.1 All measures that are reasonably practicable must be taken to stop an event and to minimise its effect on the environment.

3.3 Reporting of the Event

3.3.1 Within 14 days of an event a report must be submitted to SEPA detailing:

- (a) The reason(s) for the event;
- (b) The action(s) taken to stop the event and minimise the impacts; and
- (c) The action(s) taken to prevent the event from recurring.

Schedule 4: Record Keeping

Purpose: This schedule requires the authorised person to keep records of specific activities carried out.

4.1 Record Keeping

- 4.1.1 All information recorded, kept or submitted to SEPA in accordance with a condition of this authorisation must be:
- (a) True and accurate;
 - (b) Kept for a minimum of 6 years; and
 - (c) Provided to SEPA upon request.
- 4.1.2 Records must be kept of all maintenance carried out on the treatment system.

Schedule 5: Interpretation of Terms

For the purposes of this authorisation, and unless the context requires otherwise, the following definitions apply.

Term	Definition
authorisation	the water use licence granted by SEPA under Regulation 8 of The Water Environment (Controlled Activities) (Scotland) Regulations 2011 with licence number CAR/L/5003855.
authorised activities	the activities which may be carried on under this authorisation, as detailed in Schedule 1.
authorised person	the holder of this authorisation, and person responsible for securing compliance with the conditions of it.
authorised place	the geographic location or locations at which the authorised activities may be carried on.
controlled activity	an activity to which the regulations apply, in accordance with regulation 3(1) of the Regulations.
environmental harm	<p>(a) Harm to the health of human beings or other living organisms,</p> <p>(b) Harm to the quality of the water environment, including:</p> <p style="padding-left: 20px;">(i) harm to the quality of the water environment taken as a whole</p> <p style="padding-left: 20px;">(ii) other impairment of, or interference with, the quality of aquatic ecosystems or terrestrial ecosystems directly depending on aquatic ecosystems,</p> <p>(c) offence to the senses of human beings,</p> <p>(d) damage to property, or</p> <p>(e) impairment of, or any interference with, amenities or other legitimate uses of the water environment.</p>
event	<ul style="list-style-type: none"> • any accident which has caused or could cause environmental harm; or • any malfunction, breakdown or failure of plant, infrastructure or techniques which has caused or could cause environmental harm; or • force majeure or action taken to save human life or limb
permit	an authorisation under regulation 8 of the Water Environment (Controlled Activities) (Scotland) Regulations 2011.

Authorisation Number: CAR/L/5003855

Term	Definition
SEPA Officer	any person who is authorised by SEPA under regulation 31(4) of the Regulations to exercise the powers specified in Part 1 of Schedule 6 of the Regulations for the purposes specified in Regulation 31(5) of the Regulations.
SEPA	Scottish Environment Protection Agency.
the water environment	all surface water, groundwater and wetlands.

Except where specified otherwise, any reference to an enactment or statutory instrument includes a reference to it as amended (whether before or after the date of the authorisation) and to any other enactment, which may after the date of the authorisation replace or amend it.