

Application For Variation: Switching irrigation from river abstraction to groundwater abstraction (water scarcity)

Under Water Environment (Controlled Activities) (Scotland) Regulations 2011 ("the CAR Regs").

You should use this application form if you wish to have the ability to switch all or part of a river abstraction to a borehole source during periods of water scarcity.

Please tick which applies to this application.

- | | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | Switching an authorised river abstraction to an existing authorised borehole |
| <input type="checkbox"/> | Switching an authorised river abstraction to a proposed new borehole (includes the construction and operation of the borehole) |

1. General guidance

Why you might wish to switch the source of water use for irrigation from rivers to groundwater?

During periods of water scarcity there is likely to be pressure on rivers and on available water for irrigation use. By using groundwater during a period of water scarcity, there is the potential to:

- Reduce pressure on vulnerable rivers; and
- Continue to irrigate even during a period of prolonged water scarcity.

In the right circumstances, investing in the installation of a borehole could benefit you and the environment.

Switching a surface abstraction to groundwater will only be permitted once the water scarcity risk of at least Alert level is reached in the catchment.

If you switch you must inform SEPA annually of the quantity of water abstracted each day from the borehole as part of your annual data return.

The borehole construction must not have a significant adverse impact on, or cause pollution of, the water environment.

Drilling fluids may be introduced into the borehole if necessary to facilitate the drilling of the borehole provided this does not result in pollution of the water environment.

Potable water may be introduced into the borehole to test the hydraulic properties of the aquifer.

Water leakage must be kept to a minimum by ensuring all pipe work, storage tanks and other equipment associated with the abstraction and use of the water are maintained in a state of good repair.

Notes:

SEPA cannot guarantee the suitability of the aquifer or yield from any new borehole.

Borehole abstractions close to the coast may draw in salt water. You should be aware of this risk.

2. Eligibility criteria

The borehole used for abstraction must meet the following criteria:

Note: Prior to the commencement of works, you are advised to consult the owners of any private drinking water supplies in the vicinity and assess the potential impact of the proposed works on those private drinking water supplies.

- | | |
|----|------------------------------------------------------------------------------------------------------------------------------------------------|
| a. | The borehole must be more than 250m from any surface water or wetland. |
| b. | The borehole must be more than 400m from any other abstraction (including private drinking water supplies) ¹ . |
| c. | The borehole must be less than 200m deep. |
| d. | Where a new borehole is constructed a dip tube and sample tap must be installed for monitoring purposes. |
| e. | A meter must be installed and operating before abstraction can commence. |
| f. | The construction of the borehole must avoid the entry of pollutants or water of a different chemical composition into the body of groundwater. |

¹ Unless the other abstraction is one for which you are responsible

3. Activities to be Authorised		
River abstraction^a		
CAR/L/		
Activity 1^b		
Activity detail(s) (abstraction point/reference number/name, associated waters) for the existing authorised abstraction from surface water that will be switched to groundwater during Alert or Moderate Scarcity		
National Grid Reference (NGR) ^c		
Volume to be abstracted from groundwater instead of surface water (m ³ /day)		
Authorised cumulative abstraction volume (m ³ /day)		
Activity 2		
Activity detail(s) (abstraction point/reference number/name, associated waters) for the existing authorised abstraction from surface water that will be switched to groundwater during Alert or Moderate Scarcity		
National Grid Reference (NGR) ^c		
Volume to be abstracted from groundwater instead of surface water (m ³ /day)		
Authorised cumulative abstraction volume (m ³ /day)		
Groundwater abstraction^d		
Is a borehole to be drilled for this activity	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If 'No', confirm the details of the existing borehole authorisation		
CAR/..... (if different authorisation to the above river abstraction)		
National Grid Reference (NGR)		
Does the existing borehole have a dip tube included for monitoring purposes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If a new borehole needs to be drilled please provide the following details		
Proposed location of the borehole (National Grid Reference (NGR))		
Maximum depth of proposed borehole	m	
Please confirm a dip tube will be included for monitoring purposes	<input type="checkbox"/> Yes	

NOTES:

a: the river abstraction which may be switched to groundwater.

b: If you have more than two activities associated with the same site then photocopy this page and provide the additional activity details.

c: Find your National Grid Reference information on SEPA website (www.sepa.org.uk) or check online at Free Map Tools (www.freemaptools.com)

d: the groundwater location where the abstraction will take place when Alert status is reached.

Groundwater Switching (Cont.)

4. Important Information

- If SEPA grants the application, SEPA will serve a Variation Notice varying the authorisation conditions.
- It is an offence under regulation 44 of the Water Environment (Controlled Activities) (Scotland) Regulations 2011 to make a statement which you know to be false or misleading in any material particular, or recklessly make a statement which is false or misleading in any material particular for the purpose of obtaining an authorisation (for yourself or anyone else) or seeking a variation of an authorisation.
- **By signing this form you are agreeing to the varied conditions of authorisation coming into effect on the date of the Variation Notice and not within the usual 3 month period provided for in regulation 24 of the CAR Regs.**

4.1.1 Responsible Person Details Enter the name of the responsible person/licence holder as specified in the current licence:

Name:			
	Company Registration Number (where applicable):		
Address:			
Postcode:		E-Mail:	
Tel No:		Fax No:	

5. Application Fee

Please ensure you submit the correct fee for your application. These activities are considered a standard variation. This fee is reviewed every year. For latest fees please consult the latest [Environmental Regulation \(Scotland\) Charging Scheme](#) on the SEPA website (www.sepa.org.uk and search for 'charging schemes and summary charging booklets') or contact your local SEPA office (see final page for details).

5.1 Payment Methods

BACS	Sort Code:	83-34-00	IMPORTANT! When paying by BACS or direct transfer you MUST submit the Remittance Advice/Proof of Payment with your application form. If this is not received the application will be returned to you as invalid and a request will be made for the correct Remittance Advice/Proof of Payment, as SEPA cannot process your application without this.
	A/C number:	00137187	
Proof of Payment Ref			
Cheque	Make all cheques payable to 'SEPA' and submit with your application.		
Online Card Payment	Payment is accepted by all major credit/debit cards. Proof of Payment reference MUST be submitted using the box above. https://webpayments.sepa.org.uk/		

6. Notification of variation:

You will be notified in writing of our decision as soon as possible taking into account the urgency of the situation.

7. The Data Protection Act 2018

The information provided on this form will be processed by the Scottish Environment Protection Agency ("SEPA") to process and assess your application for registration, to monitor compliance with the relevant conditions, to process renewals, and for maintaining the relevant public register(s).

We may also process and/or disclose it in connection with the following:

- offering/providing you with our literature/services relating to environmental affairs
- carrying out statistical analysis, research and development on environmental issues
- providing public register information to enquirers
- investigating possible breaches of environmental law and taking any resulting action
- preventing breaches of environmental law; and
- improving our service

We may disclose the information to the public, public bodies and other organisations (e.g. Health and Safety Executive, Local Authorities, Emergency Services, Scottish Executive) when consulting on environmental issues. For information on the latest SEPA privacy policy see the website (<https://www.sepa.org.uk/help/privacy-policy/>)

If there is any information you wish to justify being kept from the public register on grounds of commercial confidentiality you should contact SEPA before submission of your application.

8. Declaration

Declaration	<p>I hereby apply for a variation in respect of the particulars contained in this application and enclose the appropriate application fee.</p> <p>I certify that the information in this application is correct and I have read and understood the above data protection notice and consent to the processing of the information about me provided on this form and otherwise provided to or collected by SEPA in accordance with this notice.</p>	
Name:		Date:

9. Application Checklist

Please use the checklist to ensure you have completed all relevant sections and have included all required items with your application. Incomplete applications may be returned to you for re-submission.

- All relevant sections of form completed
- Application signed (Section 8)
- Correct payment included with application?
- Signed cheque for correct amount and payable to 'SEPA' included (for cheque payments)
- Copy of Remittance Advice/Proof of Payment enclosed (for BACS & Card payments)

Where to Apply

Please send your completed form, with application fee, to '**SEPA Registry**' at the email or address below.

By email:

registry@sepa.org.uk

Angus Smith Building

6 Parklands Avenue
Holytown
North Lanarkshire
ML1 4WQ
Tel: 01698 839000

For any queries, please contact:

waterpermitting@sepa.org.uk

Office Use Only

IF Number:	CAR Reference:	Location Code Request Ref:	
		Site	Abstraction Point
Valid Application check	Correct fee?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Contact details?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Site details?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	NGR supplied?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Signature?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Application within authorisation limit?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Valid <input type="checkbox"/> Not valid	RETURNED TO APPLICANT	
Application determined	Signature:		Date:
	Determining Officer (print name)		
Notification check	Signature:		Date:
	Checking Officer (print name)		