

# FORM WRA: Applicant details and proposal outline

Water Resources Act 1991 (as amended by the Water Act 2003),  
Environment Act 1995, The Water Resources (Abstraction and Impounding)  
Regulations 2006, The Natural Resources Body for Wales (Functions) Order 2012

## 1. Application type and fee

For the application types listed, complete this form and/or the relevant additional forms named below. Please tick which forms have been included with your application. Forms should be completed with reference to Guidance Note WRX.

- |   |  |
|---|--|
| * Pre-application enquiry (non-hydropower)            | <input type="checkbox"/> Only complete this form           |
| * Pre-application enquiry (hydropower)                | <input type="checkbox"/> Also complete form WRB            |
| * Application for a Groundwater Investigation Consent | <input type="checkbox"/> Only complete form WRC            |
| New full abstraction licence                          | <input type="checkbox"/> Also complete form WRD            |
| New temporary abstraction licence                     | <input type="checkbox"/> Also complete form WRD            |
| New licence to transfer water                         | <input type="checkbox"/> Also complete form WRD            |
| New impoundment licence                               | <input type="checkbox"/> Also complete form WRE            |
| Renewal of a time-limited licence                     | <input type="checkbox"/> Also complete form WRD            |
| Removal of an existing impoundment                    | <input type="checkbox"/> Also complete form WRE            |
| Technical variation of an abstraction licence         | <input checked="" type="checkbox"/> Also complete form WRD |
| Technical variation of an impoundment licence         | <input type="checkbox"/> Also complete form WRE            |
| * Administrative variations to existing licences      | <input type="checkbox"/> Only complete form WRF            |
| * No fee required                                     |  |

Please indicate how you wish to pay your application fee and provide a reference number where relevant.

Cheque ☐ BACS ☐ Credit or debit card ☐

Your reference number

PAN-013312

## 2. Applicant details

This is who the licence would be issued to and must be a legal entity such as an individual, registered company, charity or public body. If you are an agent acting on behalf of an applicant, provide their details here and yours in Section 3. See Guidance Note WRX for clarification of the details required and signatories permissible for organisations.

### Applicant type:

- |                                      |   |                                  |   |
|--------------------------------------|---|----------------------------------|---|
| Individual <input type="checkbox"/>  | Limited company <input checked="" type="checkbox"/> | Charity <input type="checkbox"/> | Corporate body <input type="checkbox"/> |
| Partnership <input type="checkbox"/> | Sole trader <input type="checkbox"/>                | Club <input type="checkbox"/>    | Other <input type="checkbox"/>          |

If other, please specify

Title MR

Full Name ROGER BELLIS

Company, Charity or  
Trading Name

BELLIS BROTHERS LTD

Company or Charity  
Registration Number

100274

Registered Address

BELLIS BROTHERS LTD,  
WREXHAM ROAD FARM,  
WREXHAM ROAD, HOLT, WREXHAM  
Postcode: LL13 9YU

Office: 01829 270302  
Mobile: 07914 840322



Telephone Number

Email Address

adrian@bellisbrothers.co.uk

We will contact you by email unless you tick here ☐

Please specify who we should contact with regard to your site operation.

Site operations contact

Applicant ☒

Agent ☐

For applications for abstraction licences, please also specify who we should contact for invoices and abstraction records (returns).

Invoice address\*

Applicant ☒

Agent ☐

Abstraction records contact\*

Applicant ☒

Agent ☐

\* Not required for temporary or transfer licences.

Enter the agent's details in Section 3, or provide details of alternative or additional contacts on a separate sheet and tick here to show that you have done so. ☐

### 3. Details of agent or individual authorised to act as application contact

This is who we will correspond with unless otherwise informed. If an agent has signed on behalf of an applicant, please include a letter of authorisation from the applicant allowing the agent to act as signatory.

Title

MR

Full Name

ADRIAN MARKS

Company, Charity or Trading Name

BELLIS BROTHERS LTD

Position in Company

MANAGER

Registered Address

BELLIS BROTHERS LTD  
WREXHAM ROAD FARM,  
WREXHAM ROAD, HOLT, WREXHAM  
Postcode: LL13 9YU

Telephone Number

Office: 01829 270302  
Mobile: 07914 840322

Email Address

adrian@bellisbrothers.co.uk

### 4. Entitlement to apply (only required for abstraction licence applications)

Does the applicant have a legal right of access to the point of abstraction?

Has a right of access

☐

Has an expected right of access

☐

Owner/occupier of land

☒

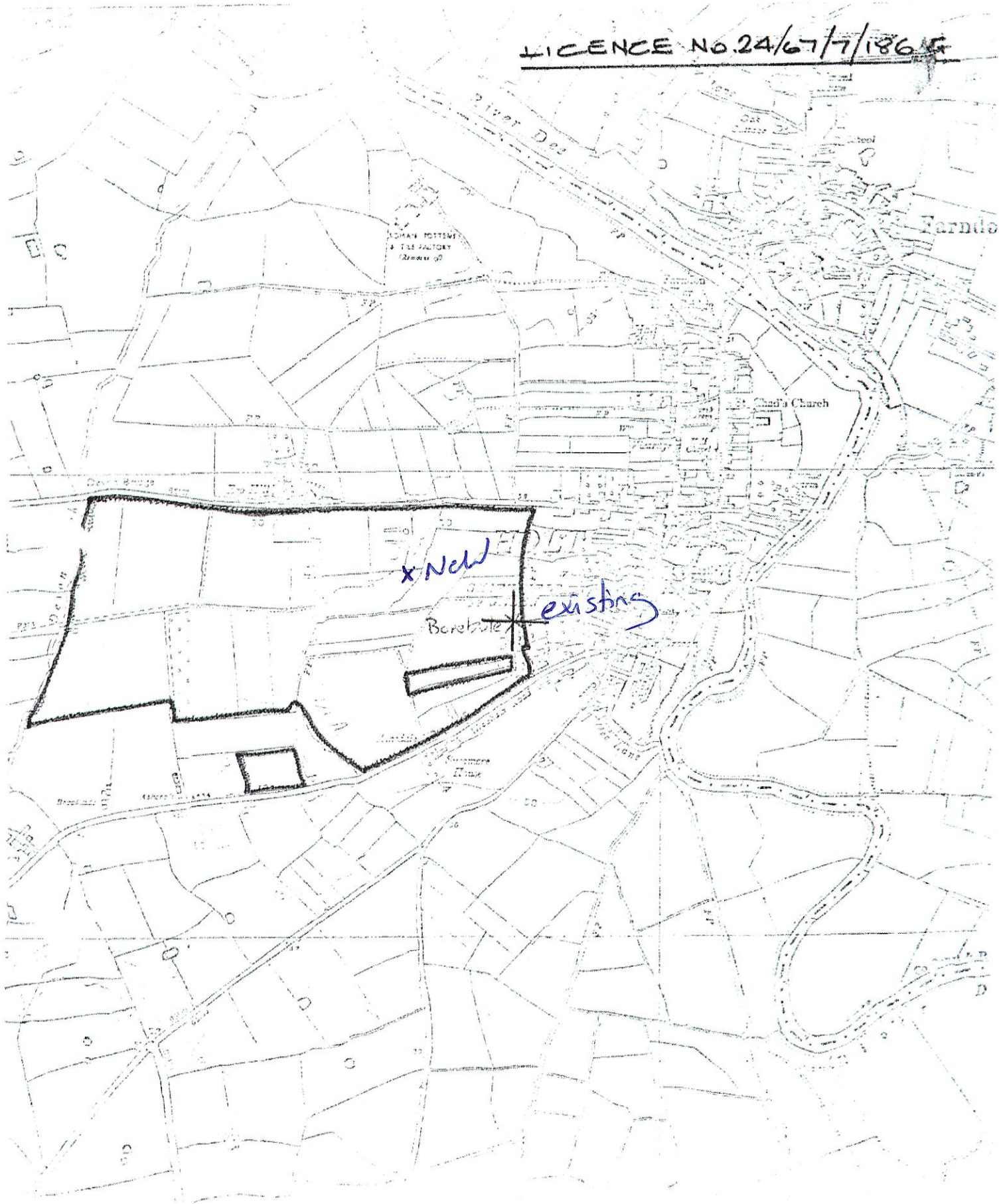
Date these access rights are expected

For formal abstraction licence applications where you are the landowner/occupier, provide a map with the land boundary and all abstraction and discharge point(s) marked. Please tick here to show that you have done this. ☒

For expected rights of access, please also provide the additional evidence as outlined in Guidance Note WRX. Please tick here to show that you have done this. ☐



LICENCE NO. 24/67/7/186



### 5. Application reference number

Have you undertaken a pre-application enquiry or had any previous discussions with us?

No ☐ Yes ☒

Provide reference  
number or staff  
member's name

PAN-013312  
Sarah Senior

### 6. Remediation work

Is this proposal as a result of a Restoring Sustainable Abstraction programme or other work requested by us?

No ☒ Yes ☐

If yes, provide your  
licence number

### 7. Source of supply

7.1 State where you intend to abstract from

Surface Water ☐ Groundwater ☒

Give Groundwater Investigation Consent number  
if applicable

N/A

7.2 Provide a 12 digit National Grid Reference for the proposed or existing abstraction or impoundment point (e.g. ST 19057 76826)

SJ 406 536 - old

SJ 40572 53719

7.3 Source of supply or location of  
proposed impoundment

DEE VALLEY

7.4 Site name / reference

WREXHAM ROAD FARM

### 8. Proposal summary

Please provide an outline of your proposal as described in Guidance Note WRX, including any sketches. If you are submitting a pre-application enquiry, this must include the quantities of water you propose to abstract. If necessary continue on a separate sheet and tick here to show that you have done this. ☒

Application to add a new bore hole to  
our existing abstraction licence.  
Also to add "trickle" irrigation as a  
method of watering.

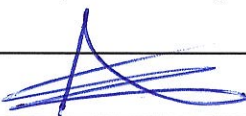


## 9. Declaration

Please see Guidance Note WRX for details of who can sign this section and note the information in that document relating to the Data Protection Act 1998.

By signing below, you are declaring that as far as you know and believe the information given in this form, on any map and in any supporting or additional information, is true.

Signed



Print name

ADRIAN MARKS

Position

MANAGER

Date

22/04/21

## Application Checklist

Please tick the following checklist items to indicate that you have included the required information. If any sections of the form are left blank and no supporting information submitted, where we have insufficient information to make a decision on your application, we will return your application to you.

### Essential:

Letter of authorisation from the applicant, allowing the agent to act as signatory ☐

Map showing the land ownership boundary with all abstraction and discharge point(s) clearly marked ☒

### Where relevant:

Evidence of negotiations of expected access rights, if applicable ☐

For groundwater abstractions, results of pump test (if not previously submitted) ☐

For Natural Resources Wales' use only:

Date received \_\_\_\_\_

Reference Number \_\_\_\_\_

Payment received Yes ☐ Amount received \_\_\_\_\_  
No ☐ Not required ☐

# FORM WRD: Application for a new abstraction licence or a technical variation to an abstraction licence

Water Resources Act 1991, Environment Act 1995, The Water Resources (Abstraction and Impoundment) Regulations 2006, The Natural Resources Body for Wales (Functions) Order 2012

## 1. Application type

- New full abstraction licence  
New temporary abstraction licence  
New licence to transfer water  
Renewal of a time-limited abstraction licence  
Technical variation to an abstraction licence

- ☐ Give existing licence serial number and/  
pre-application reference number

24/67/7/0186

N/A

For hydropower abstractions, specify the capacity (in kilowatts) of your scheme.

25kW or less ☐ >25 to 50kW ☐ >50 to 100kW ☐ >100kW ☐

## 2. Linked licences

2.1 Does your proposal involve water rights trading?

No ☒ Yes ☐ If yes, provide licence serial number(s)

2.2 Is the licence (to be) aggregated with any other licences?

No ☐ Yes ☐ If yes, provide licence serial number(s)

24/67/7/0186

## 3. Abstraction details

Provide details of all points of abstraction. Details of abstraction location(s) should correspond with any maps submitted.

If necessary, continue on a separate sheet and tick here to show that you have done this ☒

Abstraction location name / reference	Type (single point / reach)	National Grid Reference (12 digit)	If a reach, downstream National Grid Reference (12 digit)
24/67/7/0186 SJ 406 536	single	SJ 406 536	- existing borehole
↓	single	SJ 40572 53719	- new bore hole
Wrexham Road	(both Marked on Map provided)		
Farn			

## 4. Means of abstraction

Detail the structure and equipment involved in the abstraction process. If this information is detailed in a supporting document, provide the document reference. For groundwater abstractions, include borehole depth and diameter and provide details of screening and lining. If necessary, continue on a separate sheet and tick here to show that you have done this. ☒

All information provided on 'groundwater Investigation Consent form - PAN - 013312'.



### 5. Abstraction quantities

Provide details of the abstraction quantities and periods proposed, including any deregulated abstractions (< 20 cubic metres per day) you currently have. Details of abstraction locations should correspond with any maps submitted.

Abstraction location name / reference	Purpose which water will be used for	Abstraction period (state 'all year' or give months)	Maximum annual abstraction volume (cubic metres)	Maximum daily abstraction volume (cubic metres)	Maximum hourly abstraction volume (cubic metres)	Number of hours of abstraction per day	Peak abstraction rate (litres per second)
* All on PAN-013312							
Total							

### 6. Calculations and supporting information

Please provide further details of your intended use of water, including calculations in support of the quantities you have requested, your operational regime and any management agreements. See Guidance Note WRX for details of what is required. If your proposal involves the provision of a residual flow via a notch or orifice, provide information on how this has been calculated. If necessary, continue on a separate sheet and tick here to show that you have done this. ☐

All on PAN-013312

## 7. Industry-specific requirements

Complete the relevant table in line with the purpose of your proposal to demonstrate a justification of need for the quantities proposed. For uses not covered here or to provide further details, please use a separate sheet and tick here to show that you have done this ☐

### 7.1 For agricultural use:

Crop type	Soil type (for multiple soil types, indicate approximate split)	Maximum area of crop to be irrigated annually (hectares)	Maximum annual depth of irrigation to be applied (millimetres)
e.g. Carrots	Silty clay	10	90
strawberries	unknown	1.6	/
Raspberries	unknown	0.3	/

Livestock type	Number of animals	Maximum daily quantity of water used (cubic metres)	Comments
e.g. Sheep	200	0.005 per animal	Drinking water
Provide details of any additional requirements (washing / cleaning)			

### 7.2 For golf course irrigation:

Feature	Maximum area to be irrigated daily (hectares)	Maximum depth of water to be applied daily (millimetres)
e.g. Greens	0.9	220
Tees		
Greens		
Fairways		
Others		

### 7.3 For industrial use:

Industry sector or process type	Water use per unit produced (state units)	Maximum units produced per year
e.g. Ice cream	1.9 cubic metres per tonne of ice cream	10,000 tonnes



#### 7.4 For hydropower:

If you have submitted this information as part of your pre-application enquiry and no changes have been made to your proposal in the meantime, you are not required to provide these details again.

% abstraction and zone applied for (see HGN2)	Average gradient of depleted reach (%)	Catchment size above abstraction point (kilometres square d)	Net head between abstraction and discharge points (metres)
Turbine efficiency (%)	System efficiency (%)	Maximum power output (kilowatts)	Annual capacity (kilowatt hours)

State the length of depleted reach (in metres)

Provide the flow data (in cubic metres per second) & ratios specified below:	
Q95	
Q10	
Qmean	
What is the ratio of Q95:Qmean?	
What is the ratio of Q10:Qmean?	

Please send us a copy of the full flow duration curve for the site and confirm the method used to derive this. If you have used modelling software such as LowFlows, please provide us with a copy of the output (graph, data and catchment map) including the Long Term Average rainfall.

What low flow protection\* do you propose to maintain in the depleted reach when the hydropower scheme is operating (in m<sup>3</sup>/s)?

\* Low flow protection is the flow rate above which abstraction can begin and is separate to the abstraction % take, see HGN2 for details.

#### 8. Means of measurement

State how you intend to measure abstracted quantities at each abstraction point.

Meter

☒

Power Generated

☐

Other

☐

If other, please specify

#### 9. Water efficiency

Describe all steps you have taken or intend to introduce to ensure efficient use of water, such as water storage, re-use or conservation provision. If necessary, continue on a separate sheet and tick here to show that you have done this. ☐

- Water storage tank installed.
- Trickle irrigation installed rather than spray irrigation.

**10. Fish and eel considerations (surface water abstractions only)**

**10.1** Confirm the fish species present at your site. If you are submitting a survey or report with your application, please tick here to show that you have done this. ☐

N/A

**10.2** Does your proposal include measures to safeguard fish and eels? Only provide details of outfall screening if abstracted water is to be discharged back into a watercourse.

	Intake	Outfall
Type of fish screen	N/A	
Screen aperture size (mm)	N/A	

**11. Discharge details**

**11.1** If you intend to return any of the abstracted water to the environment, provide details below. Details of discharge location(s) should correspond with any maps submitted.

Discharge location name / reference	National Grid Reference of discharge point (12 digit)	Total volume to be discharged (cubic metres)	Environmental Permit for Water Discharge Activity number (if applicable)
	N/A		

**11.2** Provide a description of the structure and equipment involved in discharge.

N/A



## 12. Other abstractors / water users

Provide details of nearby abstractors or users of water who could be affected by your proposal. This should include deregulated users (exempt activities or abstractions < 20 cubic metres per day), anglers and canoeists.

on PAN-013312.

## 13. Planning application

Have you sought advice on your planning application?

No

☐

Yes

☒

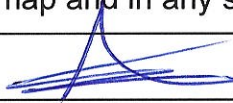
If yes, submit a copy of the Planning Authority's response.

## 14. Declaration

Please see Guidance Note WRX for details of who can sign this section and note the information in that document relating to the Data Protection Act 1998.

By signing below, you are declaring that as far as you know and believe the information given in this form, on any map and in any supporting or additional information, is true.

Signed



Print name

ADRIAN MARKS

Position

MANAGER

Date

22/04/21

## Application Checklist

Please tick the following checklist items to indicate that you have included the required information. If any sections of the form are left blank and no supporting information submitted, where we have insufficient information to make a decision on your application, we will return your application to you.

### Essential:

Form WRA completed

☐

Map showing applicant's land boundary with all abstraction and discharge point(s) clearly marked

☒

Evidence of negotiations of expected access rights, if applicable

☐

State number of continuation sheets (enter 0 if none included)

☐

0

### Where relevant:

Letter of authorisation from the applicant, allowing the agent to act as signatory

☐

Form WRE completed, if your proposal also requires an impoundment licence

☐

Further information requested in our pre-application response letter to you

☒

For hydropower applications, full flow duration curve for the site, confirmation of the method used to derive this and a copy of the output (graph, data and catchment map) including the Long Term Average rainfall, where available ☐  
Planning Authority response, where available ☐  
Additional supporting information - please list below:



**Bellis Brothers Ltd  
Wrexham Road Farm  
Wrexham Road  
Holt  
Wrexham LL13 9SL**

**Reference: PAN-013312**

**Date: 13/04/2021**

Dear Mr Marks,

**Application for Groundwater Investigation Consent at Wrexham Road Farm.**

**Application number: PAN-013312**

I am now able to confirm the following with respect to your application:

- You wish to abstract more than 20m<sup>3</sup>/day so an abstraction licence is required. You already have a licence (licence number 24/67/7/0186) for the original borehole (NGR SJ 406 536) and spray irrigation with maximum licenced volumes of 54.5m<sup>3</sup>/hour, 654.7m<sup>3</sup>/day and 80,520.3m<sup>3</sup>/year (I have calculated these from the volumes given in gallons in the licence).
- You have provided sufficient evidence (in the drilling log) to indicate that your new borehole (NGR SJ 40572 53719) will be abstracting from the same groundwater source as the borehole that is currently licenced. Therefore, you do not need to apply for a Groundwater Investigation Consent as a pumping test is not required (though please note that if you decided to apply to increase the licenced volume, you would need to supply a pumping test).
- As you do not need to conduct a pumping test, we are returning your application for a GIC (form WRC). As the application was submitted electronically we will not send you any paperwork please accept this letter as notification that the application has been returned.
- You now need to send in an application to vary your existing licence – adding the second borehole and the new purpose (trickle irrigation). You will need to submit forms WRA and WRD. Links to the forms and guidance on how to complete them can be found on our website [here](#).
- Please cross-reference this application (PAN-013312) on form WRA to ensure any relevant paperwork from this application can be applied to the new one.
- If you would like to reduce the licenced volumes to decrease your annual charge for the abstraction, then you can also apply to do this at the same time as the other changes. Information on our charges is [here](#) – you will be able to

work out how much would be due on the current licenced volume versus any reduced volume to see if this is worth your while or not.

- Due to its current age, your licence has no expiry date on it. Any changes added would have an expiry date in line with our current practice. (New licences are given an expiry date of the common end date for the catchment the abstraction occurs in. Your abstraction is in the Dee catchment. The catchment management plans can be found on our website [here](#); these documents lay out how much water is available for human use in each catchment.) This means that abstraction from the older borehole would not have an expiry date but the newer borehole would. Likewise, the spray irrigation would not have an expiry date but the trickle irrigation would. As we approach the expiry dates of licences, we contact licence holders to ensure they know to apply to renew the licence (if they still require it).

If you require any further information or advice please contact me using the details below.

Yours sincerely  
Sarah Senior

**Permitting Officer**  
**Direct e-mail: [sarah.senior@cyfoethnaturiolcymru.gov.uk](mailto:sarah.senior@cyfoethnaturiolcymru.gov.uk)**