

Application for a Water Resources licence to abstract water



Water Resources (Jersey) Law 2007

Use this form only if you want:

- a new Water Resources licence to abstract water at a rate of more than 15 m³ per day for non-domestic use.
- to vary an existing abstraction licence.

Please read the Guidance Notes (WR9) carefully before and whilst completing this form.

1. APPLICANT DETAILS

1.1 Please give your name and address (see section 1.1 of the Guidance Notes)

Title (Mr, Mrs, Ms, Dr. etc.) Mr

First name Ian

Last name De Gruchy

Address [Redacted]

Parish [Redacted] Postcode JE [Redacted]

Phone [Redacted]

Mobile [Redacted]

Email [Redacted]

1.2 Are applying on behalf of a business or organisation? If so, please state your position in the business or organisation.

FACILITY MANAGER

Name of business/organisation LES ORMES GOLF & LEISURE RESORT

1.3 Would you like to nominate someone we can contact with queries about your application?

If yes, please provide details of that person below; (see Section 1.3 of the Guidance notes).

Title (Mr, Mrs, Ms, Dr. etc.) AS ABOVE

First name AS ABOVE

Last name AS ABOVE

Address [Redacted]

Parish [Redacted] Postcode JE - - - -

Phone [Redacted]

Mobile [Redacted]

Email [Redacted]

1.4 Capacity in which you applying for a Water Resources licence (tick relevant box);

- Property owner
- Tenant
- On behalf of a company/partnership
- On behalf of a trust
- Other (please specify below)

2. PRELIMINARY INFORMATION

2.1 Are you applying for:

- a new Water Resources licence? Go to section 3
- to vary an existing licence? Go to section 2.2

Varying an existing licence

2.2 Are you the licence holder?

- No please get in touch with us (see guidance notes).
- Yes please give details and tell us about the changes you want to make in the box below. **Please enclose the licence with this application.**

Licence number

126

Date issued (DD MM YYYY)

0 1 0 1 2 0 1 0

The changes you want to make (continue on a separate sheet of paper if necessary).

LICENCE MOST RECENTLY REISSUED 01/01/2017.

TO INCREASE THE MAXIMUM ABSTRACTION QUANTITY FROM 105 m³ TO 180 m³ PER 24 HOUR PERIOD

THE ANNUAL MAXIMUM ABSTRACTION QUANTITY OF 20,000 m³/a CURRENTLY SPECIFIED ON THE EXISTING LICENCE SHOULD REMAIN UNCHANGED.

Provide details of the abstraction point/impoundment to which you propose to make changes in Sections 3 and 4. If you want to vary the quantity abstracted, the use of the water, the method of abstraction or add another underground source to your licence, provide details in Sections 5, 6, 7, 8, 9 and 10 as necessary.

3. YOUR WATER SOURCE(S)

If you propose to abstract water from both surface and sub-surface sources of supply, you will need to submit separate licence applications to abstract from each source of supply; (i.e. one application for surface water abstraction(s) and a second application for sub-surface abstraction(s)).

3.1 For this licence application, please indicate which source of supply you propose to obtain water from (tick box).

- Surface water
- Sub-surface water (groundwater)

3.2 Do you propose to abstract water from more than one location?

- No
- Yes - please say how many separate locations [.....]

Please provide details for each abstraction point in Section 4 below. If you propose to abstract from more than two locations, give details for the additional abstraction points on the continuation sheet provided (page 10).

3.3 Are there any other wells or boreholes (on the property) that are currently not in use?

It should be noted that boreholes and wells that are never used do not need to be licensed or registered. However, if any unused wells or boreholes located on your property, please tick the 'yes' box. It would be appreciated if you would provide details of such wells and boreholes on the additional form provided for this purpose (pages 13 and 14 of this booklet). Knowing that unused boreholes and wells exist may be of considerable assistance when assessing this licence application and other new applications in the future.

- No
- Yes - please provide details on the additional sheets provided (pages 13 and 14). *PREVIOUSLY ENTERED ON WR DATABASE **

4. WATER SOURCE TYPE(S) & LOCATION(S)

4.1 Location map

Please show the position and label (e.g. A, B etc.) each water abstraction point (or points on surface waters between which you propose to abstract water from) on a map. A copy of a suitable map can be provided on request. See guidance note (WR9) section 4.1.

4.2 Location name and details

Please provide details regarding the type and location of each water supply source below. Refer to guidance note (WR9) section 4.2 for information on the type of answers required under each heading.

If you propose to abstract water from more than two locations under a single abstraction licence, please provide this information for the other sources on the continuation sheet provided (page 10).

Water Source 1

Water source type (tick relevant box)

- Well
- Borehole
- Stream
- Spring
- Pond or reservoir

Name of the source (see guidance note 4.2).

LIZARD APARTMENTS BH (FORMERLY CAR PARK BH)

Map label used for this source NA

Source address and/or description of where the source is located.

TO THE SOUTH OF LIZARD APARTMENTS BENEATH

A MANHOLE COVER ON A FOOTPATH (SOURCE No 3390)

Postcode (if appropriate)

JE 3 8 FL

Water Source 2

Water source type (tick relevant box)

- Well
- Borehole
- Stream
- Spring
- Pond or reservoir

Name of the source (see guidance note 4.2).

Map label used for this source [.....]

Source address and/or description of where the source is located.

Postcode (if appropriate)

JE _ _ _ _

5. WELL AND BOREHOLE DETAILS

Only complete this section if you propose to abstract from sub-surface waters (groundwater) i.e. from well(s) or borehole(s). If you propose to abstract from surface waters (e.g. a stream, pond or reservoir) go to Section 6.

5.1 Have you undertaken a groundwater investigation on this site?

A groundwater investigation may be necessary as part of the application process.

- No Please contact us before proceeding further
- Yes Please give your consent reference number

5.2 Please complete borehole data form WR11 for each of the proposed abstraction boreholes

If your borehole has recently been completed, the drilling contractor should be able to provide all of the required information listed on both sides of the form. If you propose to use a borehole that was drilled some time ago, the contractor may be able to provide the required details but if not, please provide whatever information you can and indicate (by writing 'not known') against which items for which you do not have any information. We may contact your drilling contractor if we need to collect any additional information regarding your borehole(s)

If you propose to add the abstraction from a new borehole to an existing licence, which covers abstractions from existing wells or boreholes, you only need to provide details for the new borehole.

6. METHOD AND MEASUREMENT OF ABSTRACTION

6.1 For each point of abstraction, please provide information about the type of equipment you will use to abstract water (e.g. suction or electric submersible pump) and structures (e.g. dam or weir), the pump installer's name, type/model of pump(s) and the installation depth (below ground level (bgl)). Please provide information on how you will measure or assess the quantity of water you will abstract from each source.

Please use the continuation sheet (page 11) if you propose to abstract from more than two sources.

	Source no. 1	Map label	Source no. 2	Map label
Abstraction equipment and structures <i>(see guidance notes)</i>				
Pump installed by (Company name)	AS PREVIOUSLY - SEE LICENCE FILE 126			
Pump type (e.g. Grundfos)				
Pump Model (e.g. SQ-30)				
Depth of pump installation (ft or m below ground level)		ft <u>or</u> mbgl		ft <u>or</u> mbgl
Abstraction quantity measurement method				

Note: the company that supplied and installed the pump may be able to provide this information.

6.2 For each abstraction point, please list how much water you propose to abstract.

Please use the continuation sheet (page 11) if you abstract from more than two sources.

Source no.	Map label	Peak instantaneous flow rate (l/s)	Hours per day	Maximum hourly (m ³)	Maximum in any 24 hour period (m ³)	Maximum yearly (m ³)
1	X	2.08	24	7.5	180	20,000
2						
Continuation sheet totals		-	-	-		
TOTALS		-	-	-	180	20,000

7. USE OF YOUR WATER SUPPLY

7.1 Please provide details about how you propose to obtain and use the water supply.

- Please specify:
- the purpose of abstraction – see guidance notes
 - where you propose to abstract from (abstraction point label as shown on your map)
 - where you propose to use the water
 - when you propose to abstract it (e.g. November–March).

Purpose (please be specific)	Where will you abstract the water?	Where will you use the water?	When will you abstract it? (please be specific).
GOLF COURSE IRRIGATION	G	LES DAMES GOLF COURSE	ALL YEAR

7.2 For each of the purposes you have listed in 7.1, please list how much water you propose to abstract. Please show your calculations on a separate sheet.

Purpose	Maximum yearly (m ³)	Maximum in any 24 hour period (m ³)	Maximum hourly (m ³)	Hours per day	Peak instantaneous flow rate (l/s)
GOLF COURSE IRRIGATION	20,000	160	7.5	24	2.08
TOTALS	20,000	160	-	-	-

7.3 Please provide the address of each household that will be provided with water from the proposed supply and the number of people (to include adults and children) normally resident in each household (see guidance note section 7.3). If more than four households are to be supplied, please provide this information for each additional household using the continuation sheet provided 9 (page 11).

	Household addresses (house name or number, road name and Parish)	Post code	No. people in household
1		JE_ _ _ _	
2		JE_ _ _ _	
3		JE_ _ _ _	
4		JE_ _ _ _	

7.4 If you propose to use any of the water to be abstracted for spray, trickle or drip irrigation, you must provide details in the two tables below.

	Type of irrigation (spray/trickle etc.) & equipment to be used (boom, rain gun etc.)	Crop to be irrigated	Type of cropping (covered, in open, greenhouse, etc.)	Area of crop (in hectares)	Period of irrigation (e.g. November-March)	Max. ground cover of crop (%)
Use 1						
Use 2						
Use 3						
Use 4						
Use 5						
Use 6						

Please provide information about how much water you will need for each of the crop types identified in the table above. Please show your calculations on a separate sheet.

Use (as shown above)	Maximum yearly (m ³)	Maximum in any 24 hour period (m ³)	Maximum hourly (m ³)	Hours per day	Peak instantaneous flow rate (l/s)
TOTALS					

7.5 If more than one water abstraction source has been described in Sections 3 to 6 above, please give details about the operation of those sources (tick relevant box);

- Abstraction will only be from only one of the sources at any particular time.
- Abstraction will occur from two (or more) sources at the same time to provide a single supply.

Please provide details below about which sources you will use at the same time.

Map labels of sources to be pumped simultaneously (e.g. A + B + D + F)	Maximum combined abstraction (m ³ in any 24 hour period)
+ + + + +	
+ + + + +	

7.6 Are any of the abstraction point(s) detailed above (e.g. a reservoir) in this application to be used by another abstractor, who may submit (or have submitted) an application in their own right? If so, please provide details below.

Name of sources(s) / & map label(s) _____

Name of other user _____

Address of other user _____

Parish _____ Post code _____

7.7 Will you store abstracted water on your land (tick relevant box)?

No

Yes Please say how

21,500 gal (97.7m³) storage tank from which water is abstracted to irrigate the golf course. Lizard Apartments bh is the primary source but backup contributions to storage are provided by 2 other bhs

7.8 How much of the water you abstract will be re-used?

% (Range Lodge bh + terrace 2 bh)

7.9 Discharging water from the site

Please provide information about what will happen to any water you propose to discharge from the site. If you propose to discharge water that is used for more than one purpose, please give us details of what it is used for and the quantity for each purpose on a separate sheet.

Do you intend to discharge water from the site?

No Go to Section 8

Yes Complete sections 7.10 and 7.11

7.10 What proportion of abstracted water will be discharged?

%

7.11 Where will it be discharged?

Please give details such as 'public or private sewer', 'inland water', 'soak away' etc. Please mark and label the discharge point(s) on the location map.

8. ENVIRONMENTAL ASSESSMENTS AND APPRAISALS

If you have not already talked to us about whether you need to do an Environmental Impact Assessment (EIA) or environmental appraisal, please phone the Help Desk now on 01534 441622.

Depending on how significant the potential environmental effects of your proposal are, we may need from you:

- an environmental statement based on your EIA or
- an environmental report based on your environmental appraisal.

8.1 Do you need to do an Environmental Impact Assessment (EIA)?

No

Yes Please enclose a copy of the environmental statement with this application form.

8.2 Do you need to do an environmental appraisal?

No

Yes Please enclose your environmental report with this application form.

8.3 Does any part of the proposed project require planning permission?

No

Yes Go to question 8.4.

8.4 What is the current status of your planning application?

Not yet submitted

Refused

Pending decision

Approved - Consent no. _____

9. QUANTITY TO BE LICENSED AND LICENCE DURATION

9.1 What maximum daily abstraction volume do you want to be licensed?

180 m³ per 24 hour period

If the required licensed daily abstraction rate is different to the total shown in 6.2, please explain why below.

9.2 An abstraction licence will normally be granted for a maximum time-limited period of 10 years. (Please see the Guidance Notes (WR9) included with this application pack for details). If you require, and can justify, a different time period (for a longer or shorter duration), please give the dates below (see Guidance Notes);

Date from (DD MM YYYY) 01 | 01 | 20 | 18

Date to (DD MM YYYY) 31 | 12 | 20 | 21

Please provide details of your justification on a separate sheet of paper.

10. FEES

A charge will be payable in respect of the issue of a Water Resources licence to abstract water. This charge is based on the maximum quantity in any 24 hour period that is licensed for abstraction. A tabulation of current licence charges is provided in the covering letter at the front of this licence application pack and in Section 10 of the guidance notes. 10 of the guidance notes also provide information on the calculation of a pro-rata charge if your licence commences part way through a calendar year.

You must enclose the correct fee for the abstraction quantity requested in this application. If you do not enclose the correct payment with this application form, assessment of your licence application will be delayed until the appropriate payment is made. It is an offence under Article 11 of the Water Resources (Jersey) Law 2007 to abstract water without a valid licence.

Please make cheques payable to 'The Treasurer of the States'.

Please tick the relevant box(es)

I enclose the correct licence fee for the abstraction quantity specified in 9.1 above.

I require a receipt in respect of my payment. (Please tick box if a receipt is required)

FEE ALREADY PAID THROUGH 2017 INVOICE

PLEASE COMPLETE SECTION 11 (APPLICATION AND DECLARATION) ON THE NEXT PAGE

11. APPLICATION AND DECLARATION

I hereby apply for a Water Resources licence to:

(please tick relevant box to indicate which option is required)

to abstract water up to a maximum ofm³/day (.....gallons/day) (insert quantity required) from a surface or sub-surface source of supply.

to vary my licence as proposed in Section(s) 2.2 & 9.1 (insert section numbers)

I have read the Guidance Notes (WR9) that accompanied this form, in particular the section that deals with Data Protection.

I declare that to the best of my knowledge the statements made in the application form (WR3), including the map and continuation sheet(s) (if used), are true.

Capacity in which you are applying for the registration:

Property owner

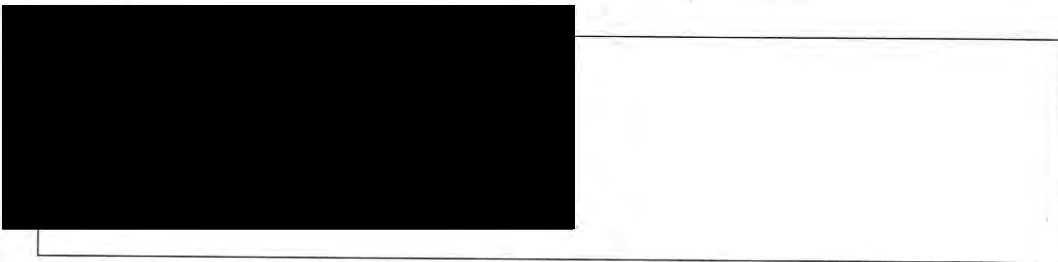
On behalf of a Company/Partnership etc.

Tenant

On behalf of a Trust

Other (please specify)

Signature(s)



Name:

Title MR First name IAN

Last name DE GRUCHY

Date 14 DECEMBER 2017

12. CHECKLIST

Please read through this list and tick the items you are sending us with this application (tick relevant boxes).

Documents

- A completed application form WR3 (and any associated documents)
- Details of how you calculated the amount of water you propose to abstract
- Continuation sheets (if applicable)
Number of continuation sheets
- Environmental impact statement (see 8.1)
- Environmental report (see 8.2)
- Application for a Certificate of Confidentiality (if applicable). See page 3 of the guidance notes (WR9) for further information)
- A written justification for a licence duration that differs from the standard 10 year period.

A map (which should show):

- each proposed point of abstraction marked and labelled
- the locations of any un-used wells or boreholes marked and labelled
- the area(s) of land on which it is proposed the water is to be used
- the site of any proposed reservoir/water body to be used for storage marked
- the point(s) where is proposed that the used water will be discharged marked and labelled.



Continuation sheet

3. WATER SOURCE TYPE(S) & LOCATION(S)

Water Source 3

Water source type (tick relevant box)

- Well Borehole
- Stream Spring Pond/reservoir

Name of the source (see guidance note 4.2).

.....

Map label for this source {.....}

Source address and/or description of where the source is located.

.....

.....

.....

.....

Postcode (if appropriate) **JE** _ _ _ _

Water Source 5

Water source type (tick relevant box)

- Well Borehole
- Stream Spring Pond/reservoir

Name of the source (see guidance note 4.2).

.....

Map label for this source {.....}

Source address and/or description of where the source is located.

.....

.....

.....

.....

Postcode (if appropriate) **JE** _ _ _ _

Water Source 4

Water source type (tick relevant box)

- Well Borehole
- Stream Spring Pond/reservoir

Name of this source (see guidance note 4.2).

.....

Map label for the source {.....}

Source address and/or description of where the source is located.

.....

.....

.....

.....

Postcode (if appropriate) **JE** _ _ _ _

Water Source 6

Water source type (tick relevant box)

- Well Borehole
- Stream Spring Pond/reservoir

Name of this source (see guidance note 4.2).

.....

Map label for the source {.....}

Source address and/or description of where the source is located.

.....

.....

.....

.....

Postcode (if appropriate) **JE** _ _ _ _



Continuation sheet

6. METHOD AND MEASUREMENT OF ABSTRACTION

6.1 For each proposed point of abstraction, please give:

- The type of equipment used to abstract water (e.g. suction or electric submersible pump) and structures (e.g. dam, or weir)
- The pump installer name and type of, capacity and number of pumps
- the measurement or assessment method you will use to determine the quantity abstracted (for example, meter)

	Source no. 3	Map label	Source no. 4	Map label
Equipment/structures				
Pump installed by (Company name)				
Pump type (e.g. Grunfos)				
Pump Model (e.g. SQ-30)				
Depth of pump installation (ft or m below ground level)	ft bgl	m bgl	ft bgl	m bgl
Abstraction quantity measurement method				

	Source no. 5	Map label	Source no. 6	Map label
Equipment/structures				
Pump installed by (Company name)				
Pump type (e.g. Grunfos)				
Pump Model (e.g. SQ-30)				
Depth of pump installation (feet or metres below ground level)	ft bgl	m bgl	ft bgl	m bgl
Abstraction quantity measurement method				

6.2 For each abstraction point, please list how much water you propose to abstract.

Source no.	Map label	Peak instantaneous flow rate (l/s)	Hours per day	Maximum hourly (m ³)	Maximum daily (m ³)	Maximum yearly (m ³)
3						
4						
5						
6						
TOTALS		-	-	-		

7. USE OF YOUR WATER SUPPLY

7.3 Please provide the address and postcode for each additional household that will be provided with water from the proposed supply and the number of people (adults and children) normally resident in each household. (see guidance note 6.2).

	Household addresses (house name or number, road name and parish)	Post code	No. people in household
5		JE_ _ _ _	
6		JE_ _ _ _	
7		JE_ _ _ _	
8		JE_ _ _ _	
9		JE_ _ _ _	
10		JE_ _ _ _	
11		JE_ _ _ _	
12		JE_ _ _ _	



Information about un-used sources

Only complete this section if you have any boreholes or wells that are not currently in use.

Un-used source No.1

1 Water source type (tick relevant box)

- Well Borehole

2 Water source location

Map label for the source

Name of the source (see guidance note 3.2).

Source address and/or description of where the un-used source is located.

Postcode (if appropriate) **JE**

3 The water from this source was used for:
(tick as many uses as required)

- House supply Garden watering Swimming pool
- Business Never used
- Other (specify):

4 Please specify why the well or borehole is not in use
(e.g. pump not installed, pump not working, supply replaced by mains water, supply inadequate for household requirements, quality water was poor, water contaminated by etc.)

5 Well/borehole information

Depth: feet **or** metres*

Diameter: feet, inches, metres, millimetres*

Water level: feet **or** metres*
(below ground surface) (* circle units as appropriate)

The borehole was drilled by (company name)

Date drilled (if known)

6 Do you have any additional information about this source (e.g. geology, water strike depth, water quality etc.)

- No Yes (we may contact you regarding this information)

Un-used source No.2

1 Water source type (tick relevant box)

- Well Borehole

2 Water source location

Map label for the source

Name of the source (see guidance note 3.2).

Source address and/or description of where the un-used source is located.

Postcode (if appropriate) **JE**

3 The water from this source was used for:
(tick as many uses as required)

- House supply Garden watering Swimming pool
- Business Never used
- Other (specify):

4 Please specify why the well or borehole is not in use
(e.g. pump not installed, pump not working, supply replaced by mains water, supply inadequate for household requirements, quality water was poor, water contaminated by etc.)

5 Well/borehole information

Depth: feet **or** metres*

Diameter: feet, inches, metres, millimetres*

Water level: feet **or** metres*
(below ground surface) (* circle units as appropriate)

The borehole was drilled by (company name)

Date drilled (if known)

6 Do you have any additional information about this source (e.g. geology, water strike depth, water quality etc.)

- No Yes (we may contact you regarding this information)



Information about un-used sources (continued)

Un-used source No.3

1 Water source type (tick relevant box)

- Well Borehole

2 Water source location

Map label for the source

Name of the source (see guidance note 3.2).

Source address and/or description of where the un-used source is located.

Postcode (if appropriate) **JE**

3 The water from this source was used for:
(tick as many uses as required)

- House supply Garden watering Swimming pool
- Business Never used
- Other (specify):

4 Please specify why the well or borehole is not in use
(e.g. pump not installed, pump not working, supply replaced by mains water, supply inadequate for household requirements, quality water was poor, water contaminated by etc.)

5 Well/borehole information

Depth: feet **or** metres*

Diameter: feet, inches, metres, millimetres*

Water level: feet **or** metres*
(below ground surface) (* circle units as appropriate)

The borehole was drilled by (company name)

Date drilled (if known)

6 Do you have any additional information about this source (e.g. geology, water strike depth, water quality etc.)

- No Yes (we may contact you regarding this information)

Un-used source No.4

1 Water source type (tick relevant box)

- Well Borehole

2 Water source location

Map label for the source

Name of the source (see guidance note 3.2).

Source address and/or description of where the un-used source is located.

Postcode (if appropriate) **JE**

3 The water from this source was used for:
(tick as many uses as required)

- House supply Garden watering Swimming pool
- Business Never used
- Other (specify):

4 Please specify why the well or borehole is not in use
(e.g. pump not installed, pump not working, supply replaced by mains water, supply inadequate for household requirements, quality water was poor, water contaminated by etc.)

5 Well/borehole information

Depth: feet **or** metres*

Diameter: feet, inches, metres, millimetres*

Water level: feet **or** metres*
(below ground surface) (* circle units as appropriate)

The borehole was drilled by (company name)

Date drilled (if known)

6 Do you have any additional information about this source (e.g. geology, water strike depth, water quality etc.)

- No Yes (we may contact you regarding this information)