
Water Resources LICENCE TO

ABSTRACT

WATER

Environment Act 1995
Water Resources Act 1991 as amended
by the Water Act 2003
Water Resources (Abstraction and
Impounding) Regulations 2006

IMPORTANT NOTES

Need for safekeeping

This licence is an important document. The permission or right to abstract water may be valuable to your landholding. So -

- **Keep the licence safe, preferably with your deeds etc.**
- **Take careful note of the comments below about “transfer and apportionment” and “death and bankruptcy”.**

This is to ensure that the permission and any rights granted by the licence continue if you need to pass it on to someone else.

If you want to:

- **revoke (cancel) the licence;**
- **vary (change/amend) the licence in any way or**
- **change your contact address (but you continue to hold the licence).**

Please write to WR Permitting Support, PO Box 4209, Sheffield, S9 9BS

Details of this licence are placed on a register, kept by the Environment Agency and open for inspection by the public. The public may also obtain further details about it by virtue of the Environmental Information Regulations 2004 (see also Disclosure of Information) except in special cases (for advice please contact us at the address shown on the front page of the licence).

Transfer and apportionment

If you need to pass this licence or any part of it to someone else, you must contact the Environment Agency and obtain the appropriate application forms. Temporary licences cannot be transferred or apportioned. The licence holder remains responsible for compliance with the terms of the licence and any charges payable until the licence has been transferred or apportioned.

Death or bankruptcy of the licence holder

If a licence has been ‘vested’ in you, as a result of the death or bankruptcy of the licence holder, please contact the Environment Agency in writing, telling us the licence number(s) and the date that the licence vested in you as a personal representative or trustee of the licence holder. This is necessary in order to enable you to subsequently transfer the licence.

‘Vesting’ is the transfer of responsibility and ownership of a licence when an existing licence holder is no longer able to hold the licence either through death or bankruptcy.

You do not have to complete a form, but you must notify us in writing within 15 months of the date of vesting, giving the full names of all personal representatives or trustees and a contact address.

Time limits

Your licence may be subject to a time limit (stated on the front of your licence). All new abstraction licences are legally required to include a time limit. For variations to licences, time limits are added in accordance with our policy.

The duration of a time limit is determined in accordance with our time limiting policy. The time limit is linked to the next or subsequent review of water resources within a Catchment Abstraction Management Strategy (CAMS).

There will be a presumption of renewal providing three tests are met: environmental sustainability is not in question; there is continued justification of need; and water is being used efficiently. Any application for renewal will still be subject to the normal statutory considerations.

If your licence is time limited and you wish to renew it when it expires, you will need to apply for a new licence to replace the existing one. You are advised to submit this application at least three months before it expires. To allow you to give early consideration to this, we will send you a reminder approximately 18 months before the expiry date.

If your licence cannot be renewed, we will endeavour to give at least six years notice. We will also endeavour to give at least six years notice where the licence is likely to be renewed on different terms and will significantly impact upon the use of the licence.

In exceptional circumstances, for example where there are other overriding statutory duties such as the Habitats Regulations, it may not be possible to provide six years notice.

Charges

Unless specifically exempted, we may levy an annual CHARGE for water AUTHORISED to be abstracted by this licence, in accordance with our abstraction charges scheme in force at the time.

The licence may be revoked if charges are not paid.

Quantity and quality of water

You must not abstract more than the quantity specified in the licence.

The Environment Agency does not, by issue of this licence or otherwise, in any way guarantee that the source of supply will produce the quantity of water authorised to be abstracted by this licence, nor that the water is fit for its intended use.

The quantity of water authorised for abstraction is given in cubic metres. One cubic metre is approximately 220 gallons.

(The precise conversion is 1 cubic metres = 219.969 gallons).

Source of supply and authorised point of abstraction

You may abstract from the point(s) specified in the licence and from no other points. If you want to add or change the authorised point(s) of abstraction, you must apply to us to vary the licence.

Land on which water is authorised to be used

Where this condition applies, you may only use the water you abstract on the area specified in the licence. You must apply to us to vary the licence if you wish to extend or alter this area or remove it.

Purpose for which water is authorised to be used

You may only use the water for the purpose(s) specified in the licence. You must apply to us to vary the licence if you wish to add to or change the purpose(s).

Offences

Under the Water Resources Act 1991 it is an offence:-

- to abstract water, or cause or permit any other person to abstract water, unless the abstraction is authorised by and in accordance with an abstraction licence, or is subject to an exemption;
- to do anything to enable abstraction, or to increase abstraction, except in accordance with an abstraction licence or exemption;
- to fail to comply with the conditions of an abstraction licence.
Note in particular that it may be a condition of the licence to maintain the meter or other measuring device etc. and failure to do so will be an offence;
- to interfere with a meter or other device which measures quantities of water abstracted so as to prevent it from measuring correctly;
- to fail to provide information which we have reasonably required for the purpose of carrying out any of the Environment Agency’s water resources functions;
- to knowingly make false statements for the purpose of obtaining a licence or consent or in giving required information.

The requirement for a licence is subject to some exemptions, set out in the Water Resources Act 1991 as amended. If in any doubt as to whether you need a licence, contact us at the address shown at the bottom of the front page of the licence.

Right of appeal

If you are dissatisfied with our decision on your licence application, you may appeal.

If you are in England, you should write to the Secretary of State for the Environment, Food and Rural Affairs, care of The Planning Inspectorate at: Room 4/19 Eagle Wing, Temple Quay House, 2 The Square, Temple Quay, Bristol, BS1 6PN.

If you are in Wales, you should write to The National Assembly for Wales care of The Planning Inspectorate at: Crown Buildings, Cathays Park, Cardiff, CF10 3NQ.

You must serve notice of appeal within 28 days of the date of receipt of this licence (although the Secretary of State and The National Assembly have power to allow a longer period for serving notice of appeal). See Water Resources Act 1991, section 43.

Disclosure of information

Information about this licence is available in the public Register held by the Environment Agency. Members of the public are also entitled to ask us for other “environmental information” it holds, including any activities likely to affect “the state of any water” or any “activities or other measures designed to protect it”. That would include the information additional to the licence document e.g. any related agreement or abstraction returns. In certain restricted circumstances it is possible to claim that information should be kept confidential. If you require more information about keeping this information off the public register because it is confidential, please contact us by writing to the address shown on the front page of the licence within 28 days of receiving this licence.

| | |
|--------------------|---------------------|
| Licence Serial No: | 15/48/018/G/118/R01 |
|--------------------|---------------------|

Please quote the serial number in all correspondence about this licence



FULL LICENCE TO ABSTRACT WATER

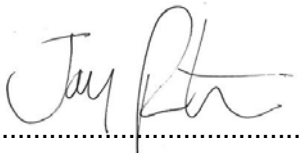
The Environment Agency ("the Agency") grants this licence to:-

South West Water Limited ("the Licence Holder")

Peninsula House
 Rydon Lane
 Exeter
 Devon
 EX2 7HR

Company registration number 02366665

This licence authorises the Licence Holder to abstract water from the source of supply described in the Schedule of Conditions to this licence and subject to the provisions of that Schedule. The licence commences from the effective date shown below and shall remain in force until the date of expiry shown below.

Signed 

Jay Rowntree
 Permitting Team Leader

Date of issue 30 January 2018
Date effective 26 January 2018
Date of expiry 31 March 2028

Environment Agency
 Permitting and Support Centre
 Water Resources Team
 Quadrant 2
 99 Parkway Avenue
 Parkway Business Park
 Sheffield
 S9 4WF

The licence should be kept safe and its existence disclosed on any sale of the property to which it relates. Please read the 'important notes' on the cover to this licence.

Note: References to "the map" are to the map which forms part of this licence.
 References to "the Agency" are to the Environment Agency or any successor body.

SCHEDULE OF CONDITIONS

1. SOURCE OF SUPPLY

- 1.1 Underground strata comprising of kaolinised granite at Park Lake, Park China Clay Works, Whitebarrow Downs, St Neot, Cornwall.

2. POINT OF ABSTRACTION

- 2.1 At National Grid Reference SX 19189 71001 marked 'A' on the map.

3. MEANS OF ABSTRACTION

- 3.1 Seepage fed excavation and two variable speed submersible pumps.

4. PURPOSE OF ABSTRACTION

- 4.1 Public water supply.

5. PERIOD OF ABSTRACTION

- 5.1 All year.

6. MAXIMUM QUANTITY OF WATER TO BE ABSTRACTED

- 6.1 500 cubic metres per hour
8,000 cubic metres per day
2,920,000 cubic metres per year

At an instantaneous rate not exceeding 139 litres per second.

- 6.2 The aggregate quantity of water authorised to be abstracted under this licence for the purpose of Public water supply shall not exceed:

An average of 4,000 cubic metres per day over a rolling 1,825 day period.

Note: an hour means any period of 60 consecutive minutes, a day means any period of 24 consecutive hours and a year means the 12 month period beginning on 01 January and ending on 31 December.

7. MEANS OF MEASUREMENT OF WATER ABSTRACTED

- 7.1 (i) No abstraction shall take place unless the Licence Holder has installed a meter to measure quantities of water abstracted.

(ii) The Licence Holder shall position and install the meter in accordance with any written directions given by the Agency.

(iii) The Licence Holder shall maintain, repair or replace the meter to ensure that accurate measurements are recorded at all times.

(iv) The Licence Holder shall keep all records of meter repair or replacement including evidence of current certification for a period of 6 years.

SCHEDULE OF CONDITIONS (continued)

8. RECORDS

- 8.1 The Licence Holder shall take and record readings of the meter specified in condition 7.1 at the same time each day during the whole of the period during which abstraction is authorised or as otherwise approved in writing by the Agency.
- 8.2 The Licence Holder shall take and record continuous readings of the head of water under condition 9.3 or at such lesser frequency as directed in writing by the Agency.
- 8.3 The Licence Holder shall take and record continuous readings of the flow through the flow gauging structures installed in accordance with conditions 9.5 (i) and 9.6 (i) below, or at such lesser frequency as directed in writing by the Agency.
- 8.4 The Licence Holder shall send a copy of the records required by conditions 8.1, 8.2 and 8.3, or summary data to the Agency within 28 days of 31 March or within 28 days of being so requested in writing by the Agency.
- 8.5 Each record shall be kept and be made available during all reasonable hours for inspection by the Agency for at least 6 years.

9. FURTHER CONDITIONS

Hands-off Level

- 9.1 No abstraction shall take place unless the level of water in Park Lake as measured at the Park Lake outfall is greater than or equal to 217.99m AOD (equivalent to 7.50 metres below the outfall's invert level) and the abstraction shall not cause the level to fall below that point.

Natural Recharge Abstraction Regime

- 9.2 (i) Unless a "natural recharge abstraction regime" notification is in force:
- The Licence Holder shall notify the Agency in writing within 5 days of when the level of water in Park Lake as measured at the Park Lake outfall when the level reaches 217.99m AOD (equivalent to 7.50 metres below the outfall's invert level). This notification shall be called the "natural recharge abstraction regime."
- (ii) The notification specified in condition 9.2 (i) above shall authorise the following "natural recharge abstraction regime":
- Subject to condition 9.1 above, abstraction shall not exceed 4,000 cubic metres per day until the level of water in Park Lake as measured at the Park Lake outfall is greater than or equal to 223.99m AOD (1.50 metres below the outfall's invert level at 225.49m AOD).
- (iii) The Licence Holder shall notify the Agency in writing within 5 days of when the level of water in Park Lake as measured at the Park Lake outfall is greater than or equal to 223.99m AOD (1.50 metres below the outfall's invert level at 225.49m AOD). This notification will cancel the "natural recharge abstraction regime" notice specified in condition 9.2 (i) above.

SCHEDULE OF CONDITIONS (continued)

- (iv) The notification specified in condition 9.2 (iii) above shall authorise abstraction as per condition 6 above.

Park Lake Level

- 9.3 The Licence Holder shall use a calibrated graduated gauge post or series of graduated gauge posts at locations within Park Lake which will allow measurement of lake level to centimetre accuracy to a fixed, known datum, which is either at or which can be accurately referenced back to the invert level at the Park Lake outfall at NGR: SX 19681 70294 marked 'X' on the map.

The graduated gauge posts may be installed in stages as lake levels alter, provided that at any time the lake level is capable of direct measurement.

- 9.4 (i) The Licence Holder shall keep the equipment required under condition 9.3 above installed at all times.
- (ii) The Licence Holder shall maintain, repair or replace any measuring equipment to ensure that accurate measurements are recorded at all times.
- (iii) The Licence Holder shall retain all evidence of the repair of the equipment or replacements including evidence of current certification for inspection by the Agency for 6 years.

Park Lake Outflow

- 9.5 (i) The Licence Holder shall use a flow gauging structure and recording device to measure the rate of outflow from Park Lake at NGR: SX 19681 70294 shown on the map marked 'X'.
- (ii) No abstraction shall take place unless the Licence Holder has installed the flow gauging structure and recording device required in condition 9.5 (i) above unless otherwise agreed in writing by the Agency.
- (iii) The Licence Holder shall position and install the flow gauging structure and recording device so as to be capable of continuous measurement to ISO:748 or equivalent standard.
- (iv) The Licence Holder shall maintain, repair or replace the flow gauging structure and recording device to ensure that accurate measurements of quantities of water are recorded at all times.
- (v) The Licence Holder shall retain evidence of current certification for inspection by the Agency. The formula used to convert head to flow shall be approved in writing by the Agency.

SCHEDULE OF CONDITIONS (continued)

Trenant Stream

- 9.6 (i) The Licence Holder shall use a flow gauging structure and recording device to measure the rate of flow in the Trenant Stream adjacent to Park Lake at NGR: SX 19668 70268 shown on the map marked 'Y'.
- (ii) No abstraction shall take place unless the Licence Holder has installed the flow gauging structure and recording device required in condition 9.6 (i) above unless otherwise agreed in writing by the Agency.
- (iii) The Licence Holder shall position and install the flow gauging structure and recording device so as to be capable of continuous measurement to ISO:748 or equivalent standard.
- (iv) The Licence Holder shall maintain, repair or replace the flow gauging structure and recording device to ensure that accurate measurements of quantities of water are recorded at all times.
- (v) The Licence Holder shall retain evidence of current certification for inspection by the Agency. The formula used to convert head to flow shall be approved in writing by the Agency.

Screening

- 9.7 (i) No abstraction shall take place unless the Licence Holder has installed a fish screen with 10mm spacing at the Park Lake outfall to prevent the movement of fish between the Trenant Stream and Park Lake.
- (ii) The Licence Holder shall maintain the fish screen in accordance with the manufacturer's specifications and keep records of such maintenance available for inspection.

Monitoring Programme

- 9.8 The Licence Holder shall install a flow gauging structure and recording device (capable of recording every 15 minutes), as agreed in writing with the Agency, to measure and record the rate of flow in the Trenant Stream at a point to be agreed in writing with the Agency.
- 9.9 (i) The Licence Holder shall take and record readings of the rate of flow specified in condition 9.8 above at a frequency to be agreed in writing with the Agency.
- (ii) The Licence Holder shall send a copy of the record required by condition 9.9 (i) above or summary data to the Agency at a frequency to be agreed in writing with the Agency or within 28 days of being so requested in writing by the Agency.
- (iii) Each record shall be kept and be made available during all reasonable hours for inspection by the Agency for at least 6 years.

SCHEDULE OF CONDITIONS (continued)

- 9.10 The Licence Holder shall undertake a hydrological investigation into the effects of Park Lake and its associated abstraction on flows in the Trenant Stream and the River Fowey.

The scope of the investigation, the location(s) and frequency of monitoring, methods of data collection and analysis, and reporting requirements shall be agreed with the Environment Agency within six months of the date of issue of this licence.

- 9.11 The Licence Holder shall submit a spreadsheet showing lake level data and abstraction data covering the previous year within 28 days of 31 March in each year.

Unless otherwise agreed in writing by the Agency, the spreadsheet shall include the following:

- An assessment of compliance with the maximum quantities of water to be abstracted, including an assessment of compliance with the 1825 day rolling average abstraction in conditions 6.1 and 6.2.
- An assessment of compliance with the Hands-Off Level and Natural Recharge Abstraction Regime requirements in conditions 9.1 and 9.2.
- All data shall be in the format of a spreadsheet and graph showing lake level, target levels and actual abstraction quantities.

ADDITIONAL INFORMATION

Note: the following is provided for information only. It does not form part of the licence.

REASONS FOR CONDITIONS

The abstraction is required to be metered to demonstrate compliance with the terms of the licence and to provide information on actual water usage for water planning purposes.

The licence includes a hands off level condition to protect the integrity of the lake walls due to geotechnical concerns over slope stability.

The licence is time-limited to a date to reflect the timing of a future review of the catchment resources availability.

The licence includes environmental monitoring conditions to allow a further assessment of the impact of the abstraction at the end of the time-limited period.

IMPORTANT NOTES

Abstraction Reform

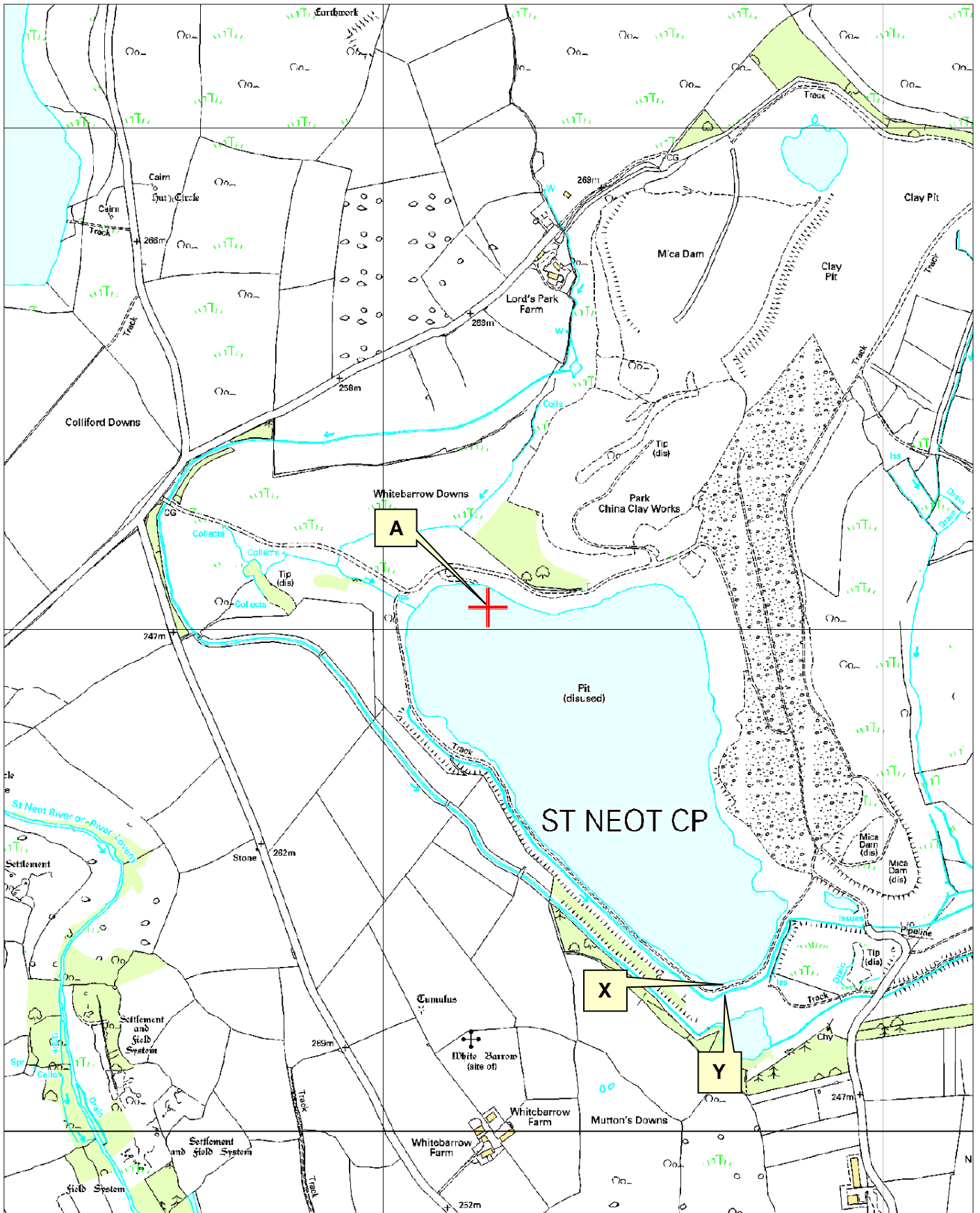
We have granted this licence in line with current legal requirements and policies on managing water resources. However, Government have consulted on reforms which may affect the duration, quantities and management of licences before your current licence expires. You should take account of this when making business decisions. If you would like to find out more, please search for 'abstraction reform' on.

Metering

The Agency will have regard to its Abstraction Metering Good Practice Manual (or equivalent guidance) in directing any of the following: where the meter should be located or how it should be installed; whether the meter measures accurately, and/or is properly maintained; whether it is necessary to require repair or replacement of the meter.

Licence History

| Licence serial number | Issue date | Expiry date | Summary of changes |
|-----------------------|------------|-------------|---|
| 15/48/018/G/118 | 03/07/2008 | 31/03/2016 | Licence issued to allow an abstraction from Park Lake for Public Water Supply purposes. |
| 15/48/018/G/118/R01 | 13/03/2017 | 31/03/2028 | NPS/WR/019195. Application to renew licence under the same terms. Renewal issued under different terms with reduction to the annual quantity and additional monitoring. |
| 15/48/018/G/118/R01 | 30/1/2018 | 31/03/2028 | NPS/WR/027153. Application to vary licence to amend conditions to enable greater flexibility in operation of abstraction. |



**MAP ACCOMPANYING LICENCE NUMBER
15/48/018/G/118/R01**

Scale 1:10,000

© Crown Copyright and database right 2014. Ordnance Survey licence number 100024198.



**Would you like to find out more about us,
or about your environment?**

Then call us on

03708 506 506 (Mon-Fri 8-6)

email

enquiries@environment-agency.gov.uk

or visit us at

www.gov.uk/environment-agency

incident hotline 0800 80 70 60 (24hrs)

floodline 0345 988 1188



Environment first: This publication is printed on paper made from 100 per cent previously used waste. By-products from making the pulp and paper are used for composting and fertiliser, for making cement and for generating energy.