

AffinityWater

Environmental Data WebPortal User Guide



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Disclaimer

Welcome to the Affinity Water Limited (AWL) Environmental Data WebPortal. All information provided by AWL is made available to provide immediate access for the convenience of interested persons. The information provided should not be used as a basis for making financial or any other commitments. AWL accepts no liability for the accuracy, availability, suitability, reliability, usability, completeness or timeliness of the data or graphical depictions rendered from the data.

While AWL believes the information to be reliable, human or mechanical errors remain a possibility. Therefore, AWL does not warrant or guarantee the accuracy, completeness, timeliness, or correct sequencing of the information. Conclusions drawn from the information are the sole responsibility of the user.

Current and historic data are continuously added to this database; subsequent reviews may reflect additions or revisions of data. Further information can be obtained by contacting Affinity Water Limited.

By accepting, end users agree to our Terms of Use.

Terms of Use

The following terms have these meanings:

| Expression | Meaning |
|------------------------------------|--|
| Commercial Purpose | Any activity which involves or is intended to involve Financial Gain |
| Financial Gain | Any activity that Affinity Water Limited notifies to the End User as being a Competing Activity from time to time. |
| Intellectual Property Rights (IPR) | This includes copyright, patent, trade mark, design right, database rights, trade secrets, know how, rights of confidence and all other similar rights anywhere in the world whether or not registered and including applications for registration of any of them. |
| We/us/our | means Affinity Water Limited |
| Terms of use | The rules, specifications, and requirements for the use of Aquarius WebPortal. |
| You | You, the user of the site |

These terms of use (together with the documents referred to in it) tells you the terms of use on which you may make use of our website www.affinitywater.co.uk (our site), whether as a guest or a registered user. Use of our site includes accessing, browsing, or registering to use our site.

By using our site, you confirm that you accept these terms of use and that you agree to comply with them.

If you do not agree to these terms, you must not use our site.

1. About us

Aquarius WebPortal is a site operated by Affinity Water Limited ("We"). We are registered in England and Wales under company number 02546950, and have our registered office and main trading address at Tamblin Way, Hatfield, Hertfordshire, AL10 9EZ. Our VAT number is 600 4315 04.

We are a private limited company incorporated under the Companies Act 2006 and hold an appointment as a water undertaker under what is now Section 6 of the Water Industry Act 1991. As a water undertaker, we are regulated by the Water Services

Regulation Authority (Ofwat), the Drinking Water Inspectorate and the Environment Agency.

2. Other applicable terms

These terms of use refer to the following additional terms, which also apply to your use of our site:

Our [Privacy Notice](#), which sets out the terms on which we process any personal data we collect from you, or that you provide to us. By using our site, you consent to such processing, and you warrant that all data provided by you is accurate.

Our [Acceptable Use Policy](#), which sets out the permitted uses and prohibited uses of our site. When using our site, you must comply with this Acceptable Use Policy.

Our [Cookie Policy](#), which sets out information about the cookies on our site.

3. Licence

Aquarius web portal, on behalf of Affinity Water Limited grants you a non-exclusive, non-transferable licence (revocable pursuant to the terms of this licence) to this site for personal use only.

For more details about specific things that you're permitted to do with this site, please see the [use of material on our site](#) section.

4. We may make changes to these terms

We amend these terms from time to time. Every time you wish to use our site, please check these terms to ensure you understand the terms that apply at that time as they are binding on you.

5. We may make changes to our site

We may update and change our site from time to time. However, please note that any of the content on our site may be out of date at any given time, and we are under no obligation to update it.

We do not guarantee that our site, or any content on it, will be free from errors or omissions.

6. We may suspend or withdraw our site

Our site is made available free of charge.

We do not guarantee that our site, or any content on it, will always be available or be uninterrupted. We may suspend or withdraw or restrict the availability of all or any part

of our site for business and operational reasons. We will not be liable to you if for any reason our site is unavailable at any time or for any period.

You are responsible for making all arrangements necessary for you to have access to our site.

You are also responsible for ensuring that all persons who access our site through your internet connection are aware of these terms of use and other applicable terms and conditions, and that they comply with them.

7. You must keep your account details safe

If you are provided with a user identification code, password or any other piece of information as part of our security procedures, you must treat such information as confidential. You must not disclose it to any third party.

When you use your user identification code or password you are authorising us to carry out all the instructions you have given us on this site.

We have the right to disable any user identification code or password, whether chosen by you or allocated by us, at any time, if in our reasonable opinion you have failed to comply with any of the provisions of these terms of use.

If you know, or suspect that anyone other than you, knows your user identification code or password, you must promptly notify us.

8. Use of material on our site

We are the owner or the licensee of all information within our site, and in the material published on it. Those works are protected by copyright laws and treaties around the World. All such rights are reserved.

You may print off one copy, and may download extracts, of any page(s) from our site for your personal use and you may draw the attention of others within your organisation to content posted on our site.

You must not modify the paper or digital copies of any materials you have printed off or downloaded in any way, and you must not use any illustrations, photographs, video or audio sequences or any graphics separately from any accompanying text.

Our status (and that of any identified contributors) as the authors of content on our site must always be acknowledged (except where the content is user-generated).

You must not use any part of the content on our site for commercial purposes without obtaining a commercial licence to do so from us.

If you print off, copy, download, share or repost any part of our site in breach of these terms of use, your right to use our site will cease immediately and you must, at our option, return or destroy any copies of the materials you have made within 30 days.

9. Prohibited conduct

You shall not redistribute or sell any part or create a new product or service based on this site.

You shall not copy, adapt, or modify any part of this site or mass download or create bulk feeds of the content (or let anyone else do so).

You shall not use this site to create or augment any other mapping-related dataset for use in a service that is a substitute for, or a substantially similar service to Aquarius Web portal.

You shall not use any information within this site for any illegal, deceptive, misleading or unethical purpose or otherwise in any manner which may be detrimental to the reputation of Affinity Water Limited or any person.

You shall not download any information and then utilise or sell it.

10. Do not rely on the information on this site

All information provided by us is made available to provide immediate access for the convenience of interested persons. The materials contained on this website are of a general, informational, nature. The information provided should not be used as a basis for making financial or any other commitments. We accept no liability for the accuracy, availability, suitability, reliability, usability, completeness or timeliness of the data or graphical depictions rendered from the data.

We have used reasonable endeavours to ensure the accuracy and completeness of the contents of the pages on this site, but the information does not constitute advice and must not be relied on as such. While we believe the information to be reliable, human or mechanical errors remain a possibility. Therefore, we do not warrant or guarantee the accuracy, completeness, timeliness, or correct sequencing of the information. Conclusions drawn from the information are the sole responsibility of the user.

Current and historic data are continuously added to this database; subsequent reviews may reflect additions or revisions of data.

To the fullest extent allowed by law, we will not be held responsible for any loss, damage, or inconvenience of any nature whatsoever caused as a result of any inaccuracy or error within these pages.

Links to other sites from these pages are for information only and we accept no responsibility or liability for access to, or the material on, any site which is linked from or to this site.

Data supplied to us will have been captured for a specific purpose, at a scale relevant to this purpose. This does not guarantee that the data is fit for any other purpose.

Further information can be obtained by contacting us.

11. Limitation of our liability

Nothing in these terms of use excludes or limits our liability for death or personal injury arising from our negligence, or our fraud or fraudulent misrepresentation, or any other liability that cannot be excluded or limited by English law.

To the extent permitted by law, we exclude all conditions, warranties, representations or other terms which may apply to our site or any content on it, whether express or implied.

We will not be liable to any user for any loss or damage, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, even if foreseeable, arising under or in connection with:

- use of, or inability to use, our site; or
- use of or reliance on any content displayed on our site.

If you are a business user, please note that in particular, we will not be liable for:

- loss of profits, sales, business, or revenue;
- business interruption;
- loss of anticipated savings;
- loss of business opportunity, goodwill or reputation; or
- any indirect or consequential loss or damage.

If you are a consumer user, please note that we only provide our site for domestic and private use. You agree not to use our site for any commercial or business purposes, and we have no liability to you for any loss of profit, loss of business, business interruption, or loss of business opportunity.

We will not be liable for any loss or damage caused by a virus, distributed denial-of-service attack, or other technologically harmful material that may infect your computer equipment, computer programs, data or other proprietary material due to your use of our site or to your downloading of any content on it, or on any website linked to it.

We assume no responsibility for the content of websites linked on our site. Such links should not be interpreted as endorsement by us of those linked websites. We will not be liable for any loss or damage that may arise from your use of them.

12. Viruses

We do not guarantee that our site will be secure or free from bugs or viruses.

You are responsible for configuring your information technology, computer programmes and platform to access our site. You should use your own virus protection software.

You must not misuse our site by knowingly introducing viruses, trojans, worms, logic bombs or other material that is malicious or technologically harmful. You must not attempt to gain unauthorised access to our site, the server on which our site is stored or any server, computer or database connected to our site. You must not attack our site via a denial-of-service attack or a distributed denial-of service attack. By breaching this provision, you would commit a criminal offence under the Computer Misuse Act 1990. We will report any such breach to the relevant law enforcement authorities and we will co-operate with those authorities by disclosing your identity to them. In the event of such a breach, your right to use our site will cease immediately.

13. Linking to our site

You may link to our home page, provided you do so in a way that is fair and legal and does not damage our reputation or take advantage of it.

You must not establish a link in such a way as to suggest any form of association, approval or endorsement on our part where none exists.

You must not establish a link to our site in any website that is not owned by you.

Our site must not be framed on any other site, nor may you create a link to any part of our site other than the home page.

We reserve the right to withdraw linking permission without notice.

The website in which you are linking must comply in all respects with the content standards set out in our [Acceptable Use Policy](#).

If you wish to make any use of content on our site other than that set out above, please contact us.

14. Third-Party links and resources in our site

Where our site contains links to other sites and resources provided by third parties, these links are provided for your information only.

We have no control over the contents of those sites or resources.

15. Disputes

We will try to resolve any disputes quickly and efficiently. If you are unhappy with the way we deal with any dispute and you want to take court proceedings, the courts of England and Wales will have exclusive jurisdiction in relation to the Terms.

16. Trademarks

“Affinity Water” is a UK registered trademark of Affinity Water Limited. Affinity Water and its logo are registered trademarks. You may not use these marks without our written permission. The names and logos of third parties mentioned within the website may be the property and trademarks of those third parties and are used with the permission of such organisations. All the contents of this website and downloads including the design, text, graphics, their selection and arrangement are Copyright © 2006, Affinity Water or its licensors.

Data Grade and Quality Assurance Guide

1. General Information

The data provided within the Environmental Data WebPortal is intended to provide general information to the public and AWL Stakeholders. It is essential for the end user to recognize the limitations and inherent variability of water quality data, as it is easily affected by sample collection and analysis methods, accuracy of sensors, and QA/QC processes. Although efforts are made to ensure the accuracy of the information contained, users should use caution when making decisions based on the data.

It is essential that an understanding of the data collection methodologies used, data limitations and intended purpose of the original data sets are known by the end user. Affinity Water Limited (AWL) implements a grade (quality code) and approval level (quality assurance) schema that provides insight and detail for the end user, as well as highlighting any need to review supplementary data, comments or other associated metadata.

Time series data sourced from AWL should only be used once its fitness for purpose is understood. It is the user's responsibility to determine if the data is appropriate for its intended use and communicate any assumptions in its use.

It should be noted that grades and approval levels can potentially change over time as a result of the data audit process and/or improved knowledge regarding the data and its interpretation.

2. Grade

Grades are used to record the subjective quality of the data. The table below summarizes the quality codes used for grading by AW:

| Grade | Description |
|---------------|---|
| -4 – GAP | Typical data gaps during field visits (e.g. logger stopped to download data) or missing data (e.g. due to logger failure) |
| 0 – UNDEFINED | Data has yet to undergo quality check and is subject to change |
| 2 – DRY | Dry conditions (e.g. no flow) |
| 3 – NMF | Non measurable flow |
| 4 – ESTIMATED | The value is estimated |
| 11 – SUSPECT | Data is compromised in its ability to represent the monitored parameter |
| 21 – MISSING | Data is missing from the record (e.g. unable to spot gauge due to unsafe conditions or unable to access the location) |

| | |
|-----------|---|
| 31 – GOOD | Data is considered a good representation of the monitored parameter |
|-----------|---|

3. Approval Level

The Approval Levels describe the progression of the data through the quality assurance processes and it should be referred to in association with the Grades. Below are the Approval Levels used by AW:

| Approval Level | Description |
|------------------|--|
| 900 – Working | Data has yet to undergo quality check and is subject to change |
| 1100 – In Review | Data is in the process of being quality assured and is, therefore, subject to change |
| 1200 - Approved | Data has been quality assured and is approved for use |