



## **Job Title: Hydrologist**

### **Overview:**

We're the charity who look after and bring to life 2,000 miles of waterways across England and Wales, because we believe that life is better by water. Every role across the Trust plays its part in transforming our canals and rivers into spaces where local people want to spend time and feel better, bringing wellbeing benefits to millions.

We are currently looking for a **Hydrologist** to join our national Water Management Team.

As a **Hydrologist** you'll be applying your technical knowledge and expertise to secure the effective management of water resources around the network. You'll support our internal customers operationally, helping them to meet navigational and other water demands, whatever the weather! You'll build great relationships, supporting our internal and external customers on a variety of projects. You'll also ensure the Trust is compliant with legal, environmental and operational constraints. You'll be exposed to diverse hydrological problems on our canals, navigable rivers, network of over 1,500 locks and 72 reservoirs, amongst other infrastructure. You'll be able to visit our network first-hand through site investigations and surveys when required. You'll need some basic hydrological experience; however we'll train you in canal hydrology.

### **The Role**

#### **Main responsibilities:**

- Provide hydrological advice (including the production of water budgets and reporting) to operational and specialist teams, ensuring efficient deployment of water resources to meet navigational and other demands.
- Help secure the Trust's long term water resources, completing surface water abstraction licence applications for our canal feeders.
- Assess the flood risk of proposed third party surface water discharges, (from industrial/commercial and residential developments).
- Support Water Engineers to ensure water management requirements are accounted for in any planned engineering works/projects.
- Review the impact of new marinas, boating trade applications and water sales on water resources.
- Support Senior/Principal Hydrologists with the production, execution and review of Drought Management plans, when applicable.

- Undertake a variety of small-scale technical water management projects under the supervision of Senior/Principal Hydrologists (e.g. assessing restorations, new canals, and/or water resource modelling development), ensuring delivery to time and budget.
- Interact with various external bodies including water companies, consultants, and regulators, ensuring the Trust's interests are both promoted and protected.
- Undertake field work in all weathers as and when required.
- Assist Principal and Senior Hydrologists with the production of national plans, policies and guidance.
- Work within Trust and its partner's policies and procedures, which include Health & Safety, environment and heritage issues.

### **About you:**

#### ***Essential***

- Degree in a relevant discipline (e.g. Geography, Earth Sciences, Environmental Science, Environmental Management, Hydrology) or equivalent.
- Able to demonstrate an awareness, knowledge and understanding of hydrological processes and models.
- Some relevant experience (e.g. hydrological principles, relevant training, and/or academic modules).
- Numerate, with confidence in processing and analysing data.
- Customer focussed - with experience of delivering excellent customer service to internal and/or external stakeholders.
- Good level of written and spoken communication skills.
- Able to manage own time effectively, prioritising tasks whilst seeking guidance where appropriate.
- Positive approach to problem-solving, enabling you to find creative solutions, as we often have unique challenges across our non-natural hydrological system.
- Aware of key regulatory and legislative frameworks affecting water management (e.g. Water Resources Act, Water Act, F&WM Act).
- Computer literate in MS Office packages (including experience undertaking detailed analysis using Excel).

#### ***Desirable***

- Some experience in managing small technical projects.
- Experience of handling hydrometric/spatial data (including use of GIS).
- Basic presentation skills.
- An active interest and involvement in a professional body (e.g. CIWEM, British Hydrological Society) is desirable.
- Valid driving licence - you will be required to provide support across our waterway network.

### **Additional Info:**

This vacancy is based from our Hatton Office (near Warwick).

In addition to your basic annual salary, you'll benefit from a competitive contributory DC Pension scheme arrangement, excellent holidays and numerous other employee benefits.

We aim to represent the diverse communities we are part of and welcome applicants from across all sectors of the community. We strongly believe that a diverse workforce brings with it a diversity of ideas, thinking and ways of working which enhances what we do.

Find out more about the work we do and opportunities we have on our website: **<https://canalrivertrust.org.uk/about-us>**.

If you'd like to find out more about the role, please get in touch with [water.information@canalrivertrust.org.uk](mailto:water.information@canalrivertrust.org.uk)